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STATISTICAL

STATISTICAL REPORT

of the

ILLINOIS

STATE BOARD OF AGRICULTURE

MAY 1 1888

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STATISTICAL REPORT
of the
ILLINOIS
STATE BOARD OF AGRICULTURE

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ILLINOIS STATE FAIR—OLNEY, SEPTEMBER 24-28, 1888.
AMERICAN HORSE SHOW—CHICAGO, NOVEMBER 13-24, 1888.
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 13-24, 1888.
AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 13-24, 1888.
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 13-24, 1888.

STATISTICAL REPORT

— OF THE —

ILLINOIS STATE BOARD OF AGRICULTURE,

—FOR—

MAY 1, 1888,

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.,

MADE TO THE

Illinois Department of Agriculture.

CHARLES F. MILLS, SECRETARY,

Springfield.

CIRCULAR 139.

SPRINGFIELD:
STATE JOURNAL PRINT.
1888.

Illinois State Board of Agriculture.

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ILLINOIS CROP REPORT,

—FOR—

MAY, 1888.

Synopsis of the Reports of Correspondents upon the Condition of the Growing
Crops, Etc.

ILLINOIS DEPARTMENT OF AGRICULTURE, }
SPRINGFIELD, May 1, 1888.

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of May.

The correspondents of the Department, are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to the Department.

A large number of the correspondents have been reporting to this Department during the past twelve years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality.

The State covers such an extended area from north to south (385 miles), and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of the crops.

376221

WINTER WHEAT.

The May 1 condition of winter wheat promises less than two-thirds of an average yield per acre. A large proportion of the wheat seeded last fall failed to germinate, owing to the drouth, until so late in the season that it had not the strength to withstand the winter, and as a result, a large area was winter-killed, and has been plowed up for summer crops. Of the wheat left standing, much of it is very thin on the ground, and the estimates of correspondents, as shown in a table published elsewhere, are, as a rule, above rather than below what may be expected of this crop at harvest. As the season advances, a still larger area of wheat will be plowed up.

There is considerable complaint of damage by chintz-bugs in the southern part of the State.

NORTHERN DIVISION.

The condition of wheat in Northern Illinois is better than in other portions of the State, but only 77 per cent. of an average yield per acre may be expected. In two counties in this Division, Henry and Lee, the conditions are favorable for a full average yield.

In the following counties, upwards of three-fourths of an average yield per acre may be anticipated, viz: Marshall, 97 per cent.; Jo Daviess, 92; Boone, DuPage and McHenry, 90; Will, 87; Stark, 86; Stephenson, 85; Rock Island, 83; Warren, 82; Carroll, DeKalb, Kankakee and Knox, 80; Mercer, Peoria and Putnam, 75; Henderson, Kane, Livingston, Ogle, Whiteside and Winnebago, 75 per cent. In the other counties in the Division, less than three-fourths of an average yield per acre will be harvested.

CENTRAL DIVISION.

The condition of winter wheat in this Division of the State is favorable for but 58 per cent. of an average yield per acre. The most encouraging reports from this section are as follows: Ford, 87 per cent.; McDonough, 82; Morgan, 81; McLean, 78 per cent. The condition indicates less than three-fourths of an average yield per acre in the other Central counties.

SOUTHERN DIVISION.

Two-thirds of an average yield per acre of winter wheat may be realized in Southern Illinois. In Franklin county the May 1 condition is 100 per cent., and in Pulaski, 101. Fully three-fourths of an average crop may be expected in the counties named: Union and Lawrence, 95 per cent.; Gallatin, 92; Wabash, 83; Edwards, 82; Hardin and Perry, 80; Alexander, 79; Marion 77 and Massac, Monroe and Pope, 75 per cent.

A table published elsewhere in this report gives the May 1 condition of wheat in each county in the State, for a number of years.

SPRING WHEAT.

There is a slight decrease in the area of spring wheat sown this season as compared with 1887, and the condition is below an average.

NORTHERN DIVISION.

The area sown to spring wheat was two per cent. less than last season, and its May condition is but 92 per cent. of an average.

There is an increase as noted in the area as compared to 1887, in the following counties, viz: Kankakee, 150; Lee, 120; Kendall, 112; Bureau, Knox and LaSalle, 107; Henry, 104;

Cook, 103; Boone, 102; DeKalb, 101. In the following counties the area is the same as last season; DuPage, Kane, McHenry, Mercer, Ogle, Peoria and Whiteside.

But one county in this Division reports the condition of the crop above an average—Will, 102; DeKalb, JoDavies and McHenry show an average condition. The most discouraging reports come from Mercer county, where less than three-fourths of an average yield per acre may be expected.

CENTRAL DIVISION.

Only seven counties in Central Illinois make a report on spring wheat. The acreage and May 1 condition is as noted: Champaign, acreage 51, condition 100; Christian, acreage 85, condition 60; DeWitt, acreage 97, condition 67; Greene, acreage and condition, 100; Macon, acreage and condition, 100; McDonough, acreage and condition, 87; McLean, acreage 100, condition 95.

SOUTHERN DIVISION.

No reports on spring wheat have been received from the Southern portion of the State.

OLD WHEAT.

The supply of old wheat in the producers' hands May 1, is two per cent. less than at corresponding date last year, and is above the average amount on hand May 1 for a term of years.

The amount of wheat harvested in Illinois in 1887, was 21,941,119 bushels more than was needed for seed and consumption.

The following table gives the amount of "old wheat" in first hands the first of May, 1881, 1882, 1883, 1884, 1885, 1886, 1887 and 1888:

Year Produced.	Crop in bushels.	Per cent. crop on hand following May 1.	Amount crop in producers' hands following May 1.	Surplus wheat above seed and consumption at harvest.	Deficit at harvest.
1880	56,508,309	*15	8,476,246	39,851,883	.....
1881	22,374,163	13	2,924,039	5,765,414	.....
1882	52,323,261	15	8,174,634	36,214,133	.....
1883	20,374,572	15	3,208,358	4,575,152	.....
1884	34,367,493	18	6,350,202	17,367,794	.....
1885	5,299,243	14	1,201,904	.....	5,439,786
1886	28,284,086	15	4,000,931	12,082,999	.....
1887	38,076,486	13	5,034,875	21,942,119	.....
Average.....	32,275,952	15	4,921,399	19,685,642	5,439,786

*Estimated.

The amount of surplus wheat above seed and consumption given in the above table is determined by deducting at time of harvest from the entire crop of the season, the quantity required to seed an area equal in extent to that harvested, at the rate of $1\frac{1}{2}$ bushels per acre, and provide 4 bushels per capita for consumption during the ensuing twelve months.

RYE.

With the exception of 1885, the outlook for Rye has not been so discouraging for a number of years. The best prospect is in the Northern Division, where with favorable conditions until harvest, 89 per cent. of an average yield per acre may be expected.

In two counties in the Central Division, Logan and Sangamon, the condition of the crop is up to an average for May 1. The average condition for this division is 84 per cent.

In the Southern part of the State more counties report the condition up to an average, but in many localities the condition is so poor as to bring the general average down to but little over three-fourths of an average condition.

A table published elsewhere in this report, gives the May 1 condition of rye in each county in the State, for a number of years.

OATS.

Much of the wheat land which was plowed up this spring has been seeded to oats and planted with corn. The area of oats is 4 per cent. larger than in 1887.

In the Northern Division the area is the same as last year; in the Central there is an increase of three per cent., and in the Southern Division, ten per cent. more than last season.

NORTHERN DIVISION.

The condition of oats in this section of the State is 91 per cent. In the following counties the May 1 condition is up to or above an average: Grundy, Livingston, Marshall, McHenry and Will, 100 per cent.; Warren, 101, and DeKalb and DuPage, 102.

CENTRAL DIVISION.

No county in Central Illinois reports the condition of oats as up to an average. The most encouraging reports come from Brown county, where the condition is favorable for 98 per cent. of an average yield per acre. The average for this division is 85 per cent., which is the lowest May 1 condition reported for a number of years.

SOUTHERN DIVISION.

In one county in the Southern Division, Franklin, a full average yield per acre may be expected. In the following counties the condition is as noted: Bond and Pulaski, 92 per cent.; Alexander, Crawford, Johnson, Monroe and Saline, 90; Clinton, Union and Wayne, 87; Effingham, 86; Fayette, Gallatin and Jasper, 85; Clay, Jefferson and Marion, 84; Perry, 83; Jackson, Lawrence, Massac and Williamson, 82; Richland, 81; Washington, 80; St. Clair, 77; Pope, 75.

In the remaining counties of this Division, less than three-fourths of an average yield per acre may be expected.

The poor condition of oats at this date may be attributed to the cold, dry spring, which retarded seeding.

A table published elsewhere in this report gives the 1888 area, and the May 1 condition of oats in each county in the State for a term of years.

BARLEY.

In but twenty counties in the State is the condition of this crop reported.

The area seeded is less than that of 1887 by seven per cent., and its May 1 condition is 91 per cent.

OLD CORN.

The 1887 corn crop of 129,537,603 bushels, is the smallest that has been produced in Illinois for nine years, and the amount in first hands on May 1, 23,573,279 bushels, is but 18 per cent. of the crop.

The short crops of the past year have induced the use of more corn than usual. The corn-crisbs all over the State are lower than ever before at this season.

The following table gives the amount of "old corn" in the producers' hands May 1, the past nine years, as well as the extent of the crop produced the preceding year:

Year Produced.	Crop in bushels.	Per ct. corn on hand fol- lowing May	Bushels corn in produ- cers' hands following May
1879.....	305,913,377	32+	99,229,889
1880.....	250,697,036	28+	71,929,343
1881.....	174,491,706	21+	37,445,964
1882.....	179,471,729	24+	43,450,857
1883.....	186,583,558	21+	39,478,621
1884.....	207,556,662	24+	50,102,262
1885.....	230,922,298	24+	57,107,027
1886.....	182,755,053	24+	44,247,096
1887.....	129,537,603	18+	23,573,279
Average.....	205,325,447	25	51,841,593

MEADOWS.

The area in meadows this spring is considerably less than a year ago. A large area was injured by the drouth of last summer, and in the weakened condition in which they went into winter quarters, a considerable extent was severely damaged. The season this spring has not been favorable for the growth of grass, and the May 1st condition will scarcely ensure three-fourths of an average yield per acre of hay.

PASTURES.

In a few counties in the State there is an increase in the area of pastures, while in eighteen the area is the same as in 1887. In the remainder of the counties, the area is some less than last season.

The conditions named above have retarded the growth of pastures, and their condition is up to an average in but two counties.

LIVE STOCK.

HORSES.

The number of horses on hand May 1, 1888, as compared with May 1, 1887, is very nearly the same. In some counties there is a slight increase, and in others a corresponding decrease.

The condition of horses is good. No prevailing disease exists, and while horses are a little thin in flesh, their general health is good.

A table published elsewhere gives the comparative number and condition of horses in each county in the State.

MULES.

In but one or two counties in the State is there any increase reported in the number of mules as compared to 1887.

Their condition is fair, no disease being reported among them.

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CATTLE.

There are not nearly so many cattle on hand at this date as at corresponding date a year ago. Farmers have disposed of all their surplus stock on account of the lack of feed, and even those which were kept have in some sections suffered on this account. While no complaint of disease has been made, cattle are generally very thin in flesh, and their condition is scarcely more than three-fourths of an average.

DAIRY COWS.

Some little change has taken place in the number of dairy cows. The lack of feed has induced some farmers to sell, and the total number is only about 90 per cent. of the number reported a year ago. They are generally thin in flesh.

A table published elsewhere gives the number and condition of dairy cows in each county of the State on May 1.

HOGS.

Hogs have been sold off pretty closely the past season, and there is not over 85 per cent. of the number on hand now that were in farmers' hands May 1, 1887. Very little cholera has existed, and excepting the thin condition, hogs are generally doing well.

SHEEP.

The number of sheep on hand May 1st, is scarcely so large as a year ago. Sheep generally are in fair flesh, and no disease is reported.

SPRING WORK.

The proportion of spring work already done is about an average. There was no rain in March or April to interfere with the plowing, but the ground was so hard and dry that seeding was delayed. Very little corn has been put in up to this date, in the central and northern counties, and the cold weather will have the effect of retarding the germination of corn.

WAGES PAID FARM HANDS.

There is no lack of farm hands this season. The supply is greater than the demand. Wages are about the same as last year. As compared with 1887, they are as follows: Per day with board, 1887, \$0.84, 1888, \$0.82; per day without board, 1887, \$1 11, 1888, \$1.08; per month with board, 1887, \$17.43; 1888, \$16.70; per month without board, 1887, \$24.63, 1888 \$23.63.

The average wage paid farm hands during the past nine years in the three grand divisions of the State, are given in the following table:

DIVISION.	PER DAY.		PER MONTH.	
	With board	Without board.	With board	Without board.
Northern.....	\$0 99	\$1 28	\$19 61	\$27 68
Central.....	0 86	1 12	17 85	24 82
Southern.....	0 68	0 93	14 59	21 12
Average.....	\$0 84	\$1 11	\$17 35	\$24 54

The wages paid farm help in the three divisions of the State, during the past nine years, is given in the following tables:

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NORTHERN DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With boa'd	Without board.	With boa'd	Without board.
1880	\$0 94	\$1 15	\$17 55	\$25 25
1881	0 95	1 25	19 55	27 25
1882	1 05	1 40	21 40	29 75
1883	1 05	1 35	21 15	29 75
1884	1 00	1 25	20 50	29 00
1885	1 00	1 25	19 50	27 75
1886	1 00	1 30	19 18	26 80
1887	0 95	1 30	19 10	27 50
1888	0 95	1 25	18 50	26 10
Average	\$0 99	\$1 28	\$19 61	\$27 68

CENTRAL DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With boa'd	Without board.	With boa'd	Without board.
1880	\$0 75	\$1 00	\$16 15	\$22 65
1881	0 85	1 10	17 85	24 75
1882	0 90	1 20	18 65	25 80
1883	0 90	1 20	18 90	26 25
1884	1 00	1 25	18 75	25 75
1885	0 75	1 00	17 75	25 00
1886	0 85	1 10	17 45	24 45
1887	0 85	1 10	17 55	24 50
1888	0 85	1 10	17 60	34 22
Average	\$0 86	\$1 12	\$17 85	\$24 82

SOUTHERN DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With boa'd	Without board.	With boa'd	Without board.
1880	\$0 65	\$0 95	\$14 00	\$20 45
1881	0 65	0 90	14 75	21 05
1882	0 65	0 90	14 55	21 00
1883	0 70	0 95	15 30	22 10
1884	0 75	1 00	15 25	22 25
1885	0 75	1 00	15 00	21 25
1886	0 65	0 90	14 25	20 90
1887	0 65	0 90	14 30	20 50
1888	0 65	0 90	13 95	20 55
Average	\$0 68	\$0 93	\$14 59	\$21 12

SEED DISTRIBUTION.

This Department has requested members of Congress to send crop correspondents residing in their respective congressional districts such seeds as the Government may have for distribution, and any reporter who has failed to receive such recognition from his representative at Washington is requested to write direct to his congressman for same

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair average vitality or growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The observers of this Department are, as a rule, farmers of extended experience and practical judgment, representative men of public spirit and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this Department during the past eleven years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

Secretary.

CORRESPONDENTS' REMARKS.

ADAMS—Winter wheat is in very poor condition for May 1, and not more than two-thirds of an average yield per acre is expected under the most favorable conditions until harvest. Rye is doing well and will make nearly an average yield per acre. The usual area has been seeded to oats and the growing crop is looking well. Meadows and pastures are very backward owing to the cold, dry spring. Since the recent rains, however, grass has made rapid growth. About 25 per cent. of the old wheat, and 15 per cent. of the old corn crop remain in the hands of the farmer. There is a very heavy bloom of apples, pears, plums, and small fruit of every variety. The number of cattle, horses, hogs and sheep on hand May 1, is not quite as large as that of a corresponding date last season. Live stock is a little thin in flesh, but otherwise in good condition and health. About two-thirds of the spring ploughing has been done to date, and farmers generally are well advanced with their work.

ALEXANDER—Wheat is in good condition and the prospect is encouraging for four-fifths of an average yield per acre. The recent rains have greatly improved the condition of wheat. The limited area of rye grown in this country looks well. There is an increase in the number of acres seeded to oats this spring over that of 1887; the growing crop is in fair condition. Meadows and pastures are making fine growth since the recent rains. Fruit of all kinds promise a large yield, the trees are full of bloom. There is about the same number of cattle and horses on hand May 1 as last season at a corresponding date. Spring work is well advanced. About one-fourth of the old corn crop remains in the hands of the producer.

BOND—More than two-thirds of the area seeded to winter wheat last fall will be plowed up and be planted to corn, and that left standing is in poor condition. The late seeding was a failure. Rye has stood the winter much better than wheat, and promises a fair yield. The area seeded to oats is larger by 15 per cent. than that of last season, and the growing crop looks well. The number of cattle, horses and hogs on hand May 1 is considerably less than on a corresponding date last season. Meadows and pastures are backward, owing to the unseasonable spring.

The fruit prospect is good. There is an unusually heavy bloom. The condition of farm animals is poor, many cattle having died during the early spring for want of feed and proper shelter. About one-half of the spring plowing has been done to date.

BOONE—The condition of the growing wheat is a little below the average, owing to the continued drouth, but since the rains of the past week there has been great improvement in the general condition of the plant. Rye is doing well, and promises an average yield per acre. The area devoted to spring wheat is somewhat larger than that of last season. The condition is good. About the usual acreage of oats has been seeded and the growing crop looks well. Barley is making fair growth. The area covered by this crop is about the same as last season. Meadows and pastures are backward, owing to the drouth of the past month. The number of cattle, horses, hogs and sheep on hand is about the same as last season at a corresponding date. Live stock of all kinds is in good health and condition. Very little of the corn crop of 1887 remains in the hands of the farmer. There is a fair prospect for fruit.

BROWN—The condition of winter wheat is not good, and with the most favorable conditions until harvest there will not be more than two-thirds of an average yield per acre. Rye is looking well. The usual area of oats has been seeded, and the condition of the growing crop is good. Meadows and pastures have suffered for want of rain and are very backward. There is about the same number of cattle, horses, hogs and sheep on hand May 1 as last season at a corresponding date. Farm animals are a little thin in flesh, but otherwise in good condition. Nearly one-third of the old corn and wheat crop remains in the hands of the farmer. The fruit prospect has been injured by the recent frosts to some extent. About two-thirds of the spring plowing has been done to date.

BUREAU—Winter wheat stood the severe weather of the winter very well, being protected by the snow. At present the growing crop is suffering for want of rain. Rye is in about the same general condition as wheat.

There is a slight increase in the area devoted to spring wheat. The condition is good. The area seeded to spring barley is hardly as large as that of last season; the growing crop is doing well. Meadows and pastures are very backward, owing to the cold, dry spring. There is a decrease in the number of cattle, horses, sheep and hogs on hand May 1, as compared with a corresponding date last season. Fruit bloom has not sufficiently developed to make any estimate of the prospect. Farm animals are in fine condition and health generally. About two-thirds of the usual amount of plowing has been done to date.

CALHOUN—Winter wheat does not promise more than half of an average yield per acre. A large portion of the late seeding was winter-killed. The oats are about as large as that of last season; the growing crop is doing well. Meadows and pastures are not up to the usual condition for May 1. Grass has suffered for want of rain during the past month. There is little or no change in the number of cattle, horses, hogs and sheep on hand May 1 in this county as compared with same date last season. Live stock is in good health and condition. The prospect for apples is good. There will be an abundance of small fruit. About 25 per cent. of the old corn remains in the hands of the farmers. Spring plowing is progressing nicely; the soil breaks and pulverizes well.

CARROLL—Winter wheat is suffering for want of rain at this time. The prospect is good for about four-fifths of an average yield per acre. Rye is doing well. There is an increase in the area seeded to oats this spring over that of last season. The spring wheat area is not as large as last season. Meadows and pastures are in poor condition. Grass has made but little growth since April 1. About 15 per cent. of the old corn and 5 per cent. of the old wheat crop remains in the hands of the producer. There is about the same number of cattle, horses, hogs and sheep on hand May 1 as last season at corresponding date. Farm animals are in good health and condition.

CASS—The growing wheat has made but little growth since spring set in, owing to the want of rain, and the prospect is not good for more than three-fourths of an average yield per acre. Winter rye is in about the same general condition as wheat. The area devoted to oats is somewhat larger than that of last season; condition good. About one-sixth of last season's crop of corn remains in the hands of the producer. The condition of grass is very backward, owing to the drouth, hence meadows and pastures are not up to the average in condition for May 1. There is a fair prospect for apples, cherries and small fruits of all kinds. There is a decrease in the number of cattle, horses, hogs and sheep as compared with last season at a corresponding date. Live stock is in fine condition and health. About two-thirds of the spring plowing has been done to date.

CHAMPAIGN—About one-third of the winter wheat seeded last fall was winter-killed, and owing to the cold, dry spring the plant has made but little growth, and the prospect for an average yield per acre is growing less favorable daily. The same may be said of winter rye. The area seeded to spring wheat is not more than half as large as that of last season; condition fair. About

the same area as that of last season has been seeded to oats. Not more than 10 per cent. of the old wheat crop remains in the hands of the producer, and but little of the old corn crop. Meadows and pastures are very poor, grass having made but little growth. Many farmers have been compelled to turn their live stock on pastures, owing to the scarcity of feed. Corn planting has been commenced, and most of the crop will be planted by May 10. The number of cattle, horses, hogs and sheep on hand May 1 is not as large as that of last season at a corresponding date.

CHRISTIAN—Winter wheat came out of the winter in nearly an average condition, but the months of March and April were very severe on the growing crop and the prospect is not encouraging for more than three-fourths of an average yield per acre. Spring wheat has made very little growth. The area is not as large as last season. There is an increase in the area seeded to oats; growth to date very small. Not more than ten per cent. of the old wheat and corn crop remains in the hands of the producer. Owing to the drouth and unfavorable season grass has made but little growth. There is plenty of bloom of all kinds of fruit except peaches. Not more than half of the corn area has been plowed. The number of cattle, horses, hogs and sheep on hand May 1 is about the same as last season at a corresponding date. Live stock is in good health but somewhat thinner than usual owing to the scarcity of feed.

CLARK—The prospect for an average yield of winter wheat is very poor indeed. Under the most favorable conditions there will not be more than two-fifths of an average yield per acre. More than half of that seeded last fall was winter killed. Rye is in but little better condition than wheat. The area devoted to spring wheat is a little larger than that of last season. But little of the old wheat and corn crop remains in the hands of the producer. There is a decrease in the number of cattle, horses, hogs and sheep on hand May 1 as compared with that of corresponding date last season. Meadows and pastures are very backward, as grass has made very little growth, owing to the drouth. The prospect for a large yield of fruits of all kinds is more encouraging than any season for the past ten years. Live stock is a little thin in flesh and is in good health. Not more than half of the corn area has been plowed.

CLAY—There was comparatively a small area of winter wheat seeded in this county last fall. The continued failure of the crop for several years in succession has caused farmers to turn their attention to other crops. There will not be more than half an average yield per acre of winter wheat. There is an increase in the area seeded to oats; the growing crop looks well. Meadows and pastures were almost ruined by the drouth last fall and have made poor growth this spring. Fruit trees are in full bloom, and the prospect is encouraging for a large yield of apples, peaches and pears. There will be an abundance of small fruits. There is about the same number of farm animals on hand as last season; condition and health good. Owing to the scarcity of feed last winter cattle are a little thin in flesh.

CLINTON—Fully 75 per cent. of the wheat seeded last fall was winter-killed, and the

than prospect not very encouraging for more 25 per cent. of an average yield. More than half of the wheat area has been plowed up for other grain. Rye does not promise more than half an average yield per acre. Oats have been seeded in fine order, and corn an area larger than that of last season. Old meadows and pastures are in fair condition. Young meadows were winter-killed. Grass is now making good growth. There is a fine fruit prospect. The trees are full of bloom. There is very little change in the number of cattle, horses and hogs of this county as compared with a corresponding date last season. Cattle are very thin in flesh, owing to the scarcity of feed last winter. Farmers are well along with their spring work.

COLES—About 75 per cent. of the wheat was winter-killed and that remaining will not produce more than 25 per cent. of an average yield per acre. Most of the wheat area has been plowed up and seeded to oats. The oats area is increased over that of last season; the growing crop is doing well. Meadows were greatly damaged by the drouth last fall, and as the spring has been unseasonable grass is very backward. Pastures are in poor condition, but the recent rains will give them a start. There is a fair prospect for every variety of fruit except currants. The number of cattle and horses on hand May 1 is about the same as last season on same date. Farm animals are thin in flesh but otherwise are in good condition. Farm work is well advanced.

COOK—There is but a limited area seeded to winter wheat in this county. The general condition of the growing crop is much below the average. Rye is in better condition than wheat, but is not up to the average for May 1. Spring wheat looks fairly well and has an increased area as compared with last season. The usual area has been seeded to oats and barley and the condition of both crops is fair. Meadows and pastures are in poor condition, the season having been very unfavorable to the growth of grass. It is too early in the season to give any estimate of the fruit prospect. There is the usual number of cattle, horses, sheep and hogs on hand May 1. Farm animals are in fair condition and are unusually free from disease. About two-thirds of the spring plowing has been done to date. The soil is in fine working condition.

CRAWFORD—Winter wheat has not done well; much of the growing crop winter-killed and up to date, owing to the unfavorable season, the plant has made but little growth. Very little rye sown in this county, except for winter pasture for young stock. There is a slight increase in the area seeded to oats, and the condition of the growing crop is good. About one-fifth of the old wheat and corn crop remains in the hands of the farmer. There is a decrease in the number of cattle, horses and sheep on hand May 1, as compared with same date last season. About the usual amount of plowing has been done to date. The prospect for a large fruit yield is good. Farm animals are in good condition and health.

CUMBERLAND—There is very little wheat in this county. Farmers have grown tired of the repeated failures of the crop and are turning their attention to other products. The prospect is not good for more than one-third of an average crop of wheat. Rye is

looking fairly well. The oats area is larger than that of last season, and the growing crop is in fair condition. Meadows are not up to the usual condition for May 1, but the acreage is larger than last season. Pastures are very backward, owing to the want of rain. Farmers disposed of their surplus stock much closer last fall than ever before, owing to the scarcity of feed, hence the number of cattle and horses on hand is not as large as that of May 1, 1887. Farm animals are in fair condition, and are free from disease. About 20 per cent. of the old wheat and corn crop remains in the hands of the producer. There will be a large yield of fruit of nearly every variety.

DEKALB—A great deal of wheat has been winter-killed; that remaining will make a fair yield. Rye is in better condition than wheat and will make nearly an average yield per acre. The usual area has been seeded to spring wheat, barley and oats; the growing crops are doing well. Meadows and pastures have made a poor start, owing to the drouth and unfavorable growing weather. About 20 per cent. of the old corn crop remains in the hands of the producer. The number of cattle, horses and sheep on hand May 1, is about the same as last season at a corresponding date. There is a fair prospect for every variety of fruit grown in this locality. Farm work is well advanced and most of the corn land has been broken and is ready for planting.

DEWITT—The condition of winter wheat is not encouraging for more than two-thirds of an average yield per acre. The drouth and cold weather has greatly retarded the growth of wheat. Rye has not done well. The usual area has been seeded to spring wheat and oats; both crops are doing well. Meadows and pastures are not in good condition for May 1. Grass has made but little growth since April 1. There is about the same number of cattle, horses and sheep on hand May 1, as at a corresponding date last season. Farm animals are thin in flesh, but are otherwise in fair condition. There is a fine prospect for every variety of fruit excepting peaches. About 20 per cent. of the old wheat and corn crop remains in the hands of the producer. Not more than half the usual amount of plowing has been done to date.

DOUGLAS—The condition of winter wheat is anything but flattering and the prospect is not good for more than half of an average yield per acre. The weather during April was very unfavorable for the growth of wheat. Winter rye is doing well. The area seeded to oats is about as large as last season; the condition is good. Meadows and pastures were nearly ruined last fall by the drouth and are very backward, owing to the want of rain during the past month. The number of cattle, horses, sheep and hogs on hand May 1, has not materially changed since last season at a corresponding date. Live stock came through the winter in rather thin flesh, but are in good condition in other respects. About 20 per cent. of the old corn and wheat crop remains in the hands of the producer. The prospect is good for a large yield of apples. Peaches and cherries are in bloom.

DUPAGE—The area seeded in this county to winter wheat is very small. Rye was somewhat injured by the severe winter, but a great deal more so by the drouth since

spring opened. The usual area has seeded to spring wheat, oats and barley; the growing crops are doing well. Meadows and pasture have been injured by the drouth during the fall and since April 1. Clover was nearly all winter-killed. There is a reduction in the number of cattle, horses, hogs and sheep as compared with last season at a corresponding date. Not more than 10 per cent. of the old corn remains in the hands of the farmer. There will be some apples and pears; but little other fruit. Horses generally are in fine condition; cattle are thin in flesh, owing to the scarcity of feed. About three-fourths of the spring plowing has been done to date.

EDGAR—The severe freezing during the winter when wheat was not protected by snow, killed more than half of the wheat seeded last fall, and the greater portion of it has been plowed up and planted to corn. Very little rye raised in this county. The oats area has been increased fully 20 per cent. Meadows are in very good condition and promise a larger yield. Pastures are a little backward, owing to the cold, dry weather. The number of cattle, horses, sheep and hogs remain about the same as last season at a corresponding date. Live stock (excepting horses) is not in good condition, owing to the scarcity of feed during the past winter. There is a fair prospect for apples and small fruits, but no peaches. Farmers are not up with their spring work. Not more than half the plowing has been done to date.

EDWARDS—Winter wheat is in fair condition, and the prospect is about four-fifths of an average yield per acre. There is an increase in the area seeded to oats over that of last season; the growing crop is doing well. Meadows are weak and there has been little or no rain during April to give them a start. Pastures are very backward and are almost worthless for grazing purposes. There is less old wheat and corn in the hands of the farmer than usual on May 1. The number of cattle, horses, hogs and sheep on hand is about the same as last season at a corresponding date. Live stock is in good condition and health. There will be a large yield of apples, pears, plums and peaches. Nearly all the spring plowing is done, and many farmers are planting corn.

EFFINGHAM—Winter wheat is in very good condition. The early seeding looks very well, but the greater portion of the late seeding was winter-killed. Rye is in about the same general condition as wheat. There is an increase in the oats area as compared with last spring; condition good. Meadows and pastures have about recovered from the drouth of last fall. Grass has made but little growth. The number of cattle, horses and sheep on hand is less than that of a corresponding date last season. Farm animals do not look well. There will be a fair crop of every variety of fruit except peaches. The old wheat and corn in the hands of the producer will not exceed 15 per cent. of the last season's crop.

FAYETTE—Winter wheat wintered badly and since spring opened the growing crop has suffered from the drouth. The recent rains will make a great improvement in the prospect. But little rye raised in this county. There is an increase in the oats area of at least 20 per cent. over that of last season; condition good. The drouth of last summer

damaged the meadows of this county very seriously, and much of the meadow land has been plowed up for other crops. Pastures are in poor condition. The fruit prospect is the most encouraging of any for several years past. Farmers sold off their surplus cattle very close last fall, hence the reduction in the number on hand May 1, as compared with last season. Farm animals are in good health and condition. Very little old corn or wheat remains in the hands of the producer.

FORD—Wheat sown among the corn is in very good condition; that sown on stubble land was badly winter-killed. The prospect is good for about four-fifths of an average yield per acre. Rye is looking well. There is an increased area seeded to oats as compared to last season; condition good. Meadows are below the average for May 1, in condition, owing to the drouth of last fall and the continued unfavorable weather during March and April. Pastures are backward. There is about the same number of cattle, horses, hogs and sheep on hand May 1, as last season at a corresponding date; condition and health of farm animals is good. The fruit prospect is more encouraging than for several years past. About one-fourth of the old corn crop remains in the hands of the producer. Spring work is well advanced for this date.

FRANKLIN—Winter wheat is about up to the average in condition for May 1. In some localities the late seeding was badly winter-killed and the area has been plowed up for other crops. The area seeded to oats is 20 per cent. larger than that of last season; condition good. Meadows and pastures have made little growth since spring opened. The weather has been cold and dry and grass has been at a stand-still during April. The fruit prospect is very good and trees are full of bloom and there is but little danger of frost now. There is a decrease of about 25 per cent. in the number of cattle, horses, hogs and sheep. Feed was scarce during the winter and many farmers sold off their stock very closely. Cattle are in good health, but are thin in flesh. About one-fourth of the old wheat and corn crop remains in the hands of the farmer. Spring plowing is about done and farm work is well advanced.

FULTON—Owing to the continued cold, dry weather the wheat does not look as well as it did on April 1. With favorable conditions until harvest about three-fourths of an average yield may be expected. Rye looks better than wheat and will make nearly an average yield. The usual area has been seeded to oats and the growing crop is doing well. Meadows are short, owing to the drouth last fall and the unfavorable weather during March and April. Pastures are backward. Stock has been turned in on them earlier than usual owing to the scarcity of feed. The fruit prospect is good. There is little or no change in the number of cattle, horses, hogs and sheep on hand May 1, as compared with that of last season at a corresponding date. Live stock is in good health and condition. About 25 per cent. of the old corn and wheat remains in the hands of the producer.

GALLATIN—Wheat looks splendidly, although the weather has been unfavorable for rapid growth during the past month. The condition is about up to the average for

MAY 1. No rye raised in this county. About the same area has been seeded to oats as last season; condition fair. Meadows are looking much better than last season at this date. Pastures are in fine condition, but need rain. There is about the same number of cattle, horses, hogs and sheep on hand as last season on May 1. The condition of farm animals is good, and with the exception of a mild form of cholera among hogs, their health is good. There will be a large yield of apples, pears, peaches and all the small fruits. Not more than 10 per cent. of the old corn and wheat crop remains in the hands of the farmer. Spring work is well advanced. More than three-fourths of the plowing is done to date.

GREENE—The prospect is not encouraging for more than half of an average yield per acre of winter wheat. The drouth and cold weather has greatly damaged the growing crop. Rye is in better condition than wheat. The usual area has been seeded to spring wheat, barley and oats; the condition of these crops is good. Meadows and pastures are not up to the average May 1 condition owing to the unseasonable weather. The number of cattle, horses, hogs and sheep remains about the same as last spring at a corresponding date. Farm animals are in good health but cattle are thin in flesh owing to the scarcity of feed during the winter and early spring. There is a very heavy bloom of apples, pears, plums and small fruits. About 20 per cent of the old wheat and corn remains in the hands of the producer. Two-thirds of the spring plowing has been done to date.

GRUNDY—The oats area seeded this spring is somewhat larger than that of last season. The growing crop is doing well. The number of cattle, horses, hogs and sheep on hand May 1 is about the same as at a corresponding date last season. The health of farm animals is good. Cattle are thin in flesh owing to the scarcity of feed during the winter and early spring. Horses are in fine condition. The prospect is good for a large yield of every variety of fruit grown in this latitude. Not more than 20 per cent of the old corn crop remains in the hands of the farmer. Meadows and pastures are very backward owing to the cold, dry spring. Farmers are well advanced with their spring work. Most of the plowing for corn has been done.

HAMILTON—Owing to the repeated failures of the wheat crop in this county farmers have turned their attention to other crops and stock raising. The prospect for winter wheat is good for about two-thirds of an average yield per acre. The area seeded to oats is about the same as last season. The condition of the growing crop is considerably below the average for May 1. Meadows are in poor condition. The continued drouth and cold weather has greatly retarded the growth of grasses. Clover was all winter killed. Pastures are backward, having made but little growth since April 1. The fruit prospect is very flattering. Apple, plum, pear, peach and cherry trees are in full bloom. The number of cattle, horses, hogs and sheep on hand May 1 is less than that of a corresponding date last season. Live stock is in good health. Cattle are very thin in flesh owing to the scarcity of feed during the winter and spring. Not more than 12 per cent of the old corn and wheat crop remains in the hands of the producer.

HANCOCK—Winter wheat promises less than three-fourths of an average yield per acre. The season has been unfavorable to the rapid growth of wheat. Winter rye is doing well. The area seeded to oats is about as large as that of last season and the crop is very good. Meadows and pastures are not in good condition owing to the continued cold, dry weather. The fruit prospect is better than for several years past. Some of the small fruits were winter-killed. There is a decrease in the number of cattle, horses, hogs and sheep on hand as compared with a corresponding date last spring. Farm animals are in good health and condition. About 14 per cent of the old wheat and corn crop remains in the hands of the producer. Farmers are not as far advanced with their spring work as usual. About two-thirds of the area intended for corn has been plowed to date.

HARDIN—Winter wheat promises about four-fifths of an average yield per acre. Rye looks well. There is an increase in the area seeded to oats as compared with that of last season. The growing crop is backward owing to the dry, cold weather of the past month. Meadows and pastures are in fair condition but are not up to the average for May 1. There is but little change in the number of cattle on hand May 1 as compared with same date last season. Horses have been sold off much closer than usual. Live stock is in fair condition, and with the exception of cholera among hogs in a mild form, is in good health. There will be a fair yield of fruit of all kinds, but the prospect is not as good as last season at this date. About 20 per cent of the old wheat and corn crop remains in the hands of the producer.

HENDERSON—Winter wheat does not promise more than three-fourths of an average yield per acre. Much of the wheat sown on high lands was winter-killed. Rye has not made the average growth for this date. The oats area is larger than that of last season and the growing crop is doing well. Meadows and pastures are backward. The past month has been unfavorable to the growth of grass. The number of cattle, horses, hogs and sheep on hand May 1 is less than that of last season at a corresponding date. Farm animals are in good health but are thin in flesh. It is too early to determine the fruit prospect. About one-fifth of the old wheat and corn crop remains in the hands of the producer. Spring wheat looks well but the area seeded is not as large as that of last season.

HENRY—There is very little winter wheat raised in this county. Rye is making fair growth and with favorable conditions until harvest an average yield per acre may be expected. The usual area has been seeded to spring wheat, barley and oats. The growing crops are doing well. Meadows are very backward and many of them have not recovered from the effects of last summer's drouth. Pastures are short owing to the unseasonable spring. There is not as many cattle, horses, hogs and sheep on hand May 1 as last season at a corresponding date. Live stock is in good health but the condition is rather low for May 1. There will be but little fruit of any description. About 20 per cent of the old wheat and 22 per cent of the old corn remains in the hands of the producer. Farm work is pretty well advanced and spring plowing is about finished.

IROQUOIS—The area seeded to winter wheat in this county is very small, owing to the uncertainty of the crop. Rye looks well and will make nearly an average yield per acre. The area seeded to spring wheat, barley and oats is about as large as that of last season. The condition of these crops is good. Meadows and pastures have not made the usual growth for this date, owing to the drouth last fall and the continued unfavorable weather this spring. There is but little change in the number of cattle, horses, hogs and sheep on hand as compared with May 1, 1887. Live stock does not look as well as usual on May 1, owing to the scarcity of feed during the winter. There is a fair prospect for apples, pears and plums. About 13 per cent. of the old wheat and 20 per cent. of the old corn remains in the hands of the producer.

JACKSON—Winter wheat is very backward, on account of the cold and dry weather, and late seeding. The prospect is good for about three-fourths of an average yield per acre. Rye looks well. The area seeded to oats is larger than last season; the growing crop is in fair condition. About 10 per cent. of the old wheat and corn crop remains in the hands of the producer. The number of cattle, horses, hogs and sheep remains about the same as last season. The condition of work animals generally is good. Cattle are a little thin in flesh. There is a fair prospect for a large yield of apples and peaches and nearly all the small fruits. The area intended for corn has been plowed and much of the planting done. Farm work generally is well advanced.

JASPER—Nearly one-half of the wheat seeded last fall was winter-killed, and the prospect is not good for more than half an average yield per acre. Rye is not in much better condition than wheat. The area seeded to oats is not quite so large as last season; the growing crop is doing well. There is less than 10 per cent. of the old wheat and corn crop on hand May 1. The number of cattle, horses, hogs and sheep is somewhat less than last season at a corresponding date. The condition and health of farm animals is good. There will be an abundance of apples, pears, peaches and small fruits. Strawberries have been injured by the drouth. About three-fourths of the spring plowing is done and farm work is well advanced for this date.

JEFFERSON—Wheat made but little growth last fall, owing to the drouth, and was in poor condition to stand the winter. The spring has been unfavorable for wheat, and the prospect is not encouraging for more than half an average yield per acre. Rye is in better condition than wheat. Oats are looking well, and the area seeded is larger than last season. Very little old corn and wheat on hand; not more than necessary for home consumption. There is quite a reduction in the number of cattle, horses, hogs and sheep as compared with May 1, 1887. The condition of farm animals is not up to the average for May 1. Feed was very scarce during the winter, and pastures are very backward. Meadows have not recovered from the drouth of last season. The fruit prospect is better than for several years past. The bloom is very heavy.

JERSEY—The condition of winter wheat is poor; some fields sown early very good. The

weather has been cold and dry and wheat has suffered very seriously; some fields are being plowed up for other crops. Little or no rye raised in the country. There is an increase in the area devoted to oats this spring as compared with that of last season; condition of the growing crops good. Meadows and pastures are backward for want of rain. The prospects for fruit of all kinds is good. Peaches make a much better showing than for several years past. The number of cattle, horses and hogs on hand is about the same as last season at this date. Feed has been scarce and live stock is thin in flesh. No complaints of disease. Not more than 6 per cent. of the old wheat and 33 per cent. of the old corn crop remains in the hands of the farmer. About two-thirds of the spring plowing has been done to date.

JoDAVIESS—Winter wheat looks very well and promises nearly an average yield per acre. Rye will make an average crop. Spring wheat, barley and oats cover a little larger area than last season; condition of these crops is very good. Meadows and pastures are making fine growth and are fully up to the average for May 1. The prospect for a larger fruit yield than usual is very encouraging. The number of cattle, horses and hogs on hand May 1 is less than at a corresponding date last season. About 12 per cent. of the old corn crop remains in the hands of the producer. Spring plowing is progressing finely; the soil breaks easily and pulverizes well.

JOHNSON—Winter wheat and rye are in fair condition; chinch-bugs are infesting some wheat fields in great numbers; the prospect is good for about three-fourths of an average yield per acre. The area devoted to oats is larger than last season; the condition is good. Meadows and pastures are at least two weeks backward on account of the cold dry weather during April. Not more 10 per cent. of the old wheat and corn crop remains in the hands of the producer. The number of cattle, horses hogs and sheep on hand May 1, is about the same as last season at a corresponding date. Farm animals are healthy, but cattle and hogs are thin in flesh owing to the scarcity of feed. The fruit prospect is fair; there will be apples, plums, pears and peaches, and small fruit in abundance. About three-fourths of the area intended for corn has been plowed.

KANE—Owing to the excessive drouth last fall wheat made but little growth before winter set in, and fully one-third of that seeded was winter-killed. The prospect is not encouraging for more than two-thirds of an average yield per acre. Rye is doing well, and will make an average crop. Spring wheat and oats are making fair growth, and cover about the same area as last season. Barley looks well, but the area seeded is not more than half as large as that of last season. Meadows and pastures were greatly damaged by last summer's drouth. Most of the clover was winter-killed. The prospect for fruit is better than last year. The soil is in fine working condition. Some corn has been planted. There are not quite so many cattle, horses and hogs on hand May 1 as last season at same date.

KANKAKEE—The condition of winter wheat is good for about three-fourths of an average yield per acre. Rye is in little better condition than wheat. Oats a larger area

than last season; the condition of the growing crops is good. The area devoted to barley is not as large as last season. About 20 per cent. of the old corn and wheat crop remains in the hands of the producer. The number of cattle, horses, sheep and hogs on hand is about the same as last year at a corresponding date. With the exception of distemper among horses, the health and condition of farm animals is good. There is a fair prospect for berries and grapes. There will be a few apples. About two-thirds of the spring plowing has been done to date.

KENDALL—There is but little winter wheat raised in this county. The condition of the growing crop is below the average for May 1. Winter rye, where sown early, looks well, but the late seeding is in poor condition. The area devoted to spring wheat is much larger than that of last season. Oats and barley have about the same area as last spring; the condition of the growing crops is good. Meadows, where not pastured during the fall, are in fair condition. Pastures are very backward. Grass is suffering for rain at this time, and has not made much growth since April 1. There is little or no change in the number of cattle, horses and hogs on hand May 1, as compared with same date last season. Live stock is in fair condition. Some corn was planted during the last week. About 20 per cent. of the old corn crop remains in the hands of the farmer. Nearly all the spring plowing has been done and farmers are well advanced with their work.

KNOX—Winter wheat promises about four-fifths of an average yield per acre with favorable conditions until harvest. Rye was injured by the freezing and thawing weather during March more than by the severe winter. The prospect is good, however, for nearly an average yield per acre. Spring wheat and oats cover a larger area than last season, and the condition of the growing crops is very good. Meadows and pastures are very short, but the rain of to-day will give grass a new start. There is a decrease in the number of cattle, horses and hogs on hand May 1, as compared with same date last season; condition and health of farm animals good. There is a fair prospect for apples and small fruits. About 12 per cent. of the old corn crop remains in the hands of the farmer. Spring plowing is nearly done and farmers are well advanced with their work.

LAKE—Winter wheat has not made much growth as yet; got a poor start last fall and the prospect is not encouraging for more than two-thirds of a crop. Rye looks well and will make an average crop. There is an increase in the area devoted to spring wheat, oats and barley; the growing crops look well. Meadows and pastures are not up to the average May 1 condition. The drouth last fall nearly killed all the grass. There are not as many cattle, horses and hogs on hand as last season at this date. Farmers have been forced to sell off their stock much closer than usual on account of the scarcity of feed. Cattle are thin in flesh, but the general health and condition of live stock is good. There is a fair prospect for apples and small fruits. About 20 per cent. of the old wheat and 5 per cent. of the old corn crop remains in the hands of the producer.

LASALLE—The prospect is not encouraging for more than two-thirds of an average

yield per acre of winter wheat. Rye will make four-fifths of an average yield. The area devoted to spring wheat is not as large as last season. Oats are doing well and cover a larger area than the previous seeding. Meadows and pastures are backward on account of the cold, dry spring. Grass has not made much growth during the past month. The number of cattle, horses and hogs on hand May 1 is about 10 per cent. less than last season at a corresponding date. Cattle are thin in flesh but other farm animals are in fair condition. There will be a fair crop of apples, pears and small fruits. About one-fourth of the old corn crop remains in the hands of the farmer. Spring plowing is well advanced and some few fields of corn have been planted.

LAWRENCE—Winter wheat is making slow growth owing to the cold, dry weather. The stand is good and the prospect is encouraging for nearly an average yield per acre. But little rye sown in this county last fall. The oats area is not as large as last season; condition good. Meadows are in poor condition, there has not been enough rain to give grass a good start. Pastures are backward for the same cause. The number of cattle, horses and hogs is about the same as last season on May 1. The condition of live stock is hardly up to the average for May 1, owing to the scarcity of feed last winter. There is a fine prospect for apples, pears and peaches and all the small fruits. About one-fifth of the old corn remains in the hands of the producer. Spring work is well advanced and many farmers are planting corn.

LEE—The limited area of winter wheat seeded in this county last fall is in fair condition. Winter rye is doing well and promises a full average yield per acre. There is an increased area seeded to spring wheat, and about the same area as last season seeded to oats and barley; the condition of these crops is very good. Meadows are backward, having been pastured close last fall during the drouth, and the grass has made but little growth this spring, owing to the unfavorable weather. Pastures are likewise in poor condition. There is about the same number of cattle, horses, hogs and sheep on hand May 1, as at a corresponding date last season. Farm animals are in good condition. Horses have been somewhat afflicted with distemper, but not seriously. About one-third of the old corn remains in the hands of the farmer. Spring work is well advanced for May 1.

LIVINGSTON—Winter wheat is very backward, having made but little growth since April 1. The early seeding is in much better condition than that sown later in the fall. The prospect is good for about three-quarters of an average yield per acre. Rye is in fair condition. Spring wheat and oats are doing well and cover an area equal to that of the past season. Meadows and pastures are in very good condition. About 25 per cent. of the old corn remains in the hands of the producer. The number of cattle, horses, hogs and sheep on hand May 1 is about the same as at a corresponding date last spring. Farm animals are in good health and condition. The prospect for wheat is poor. There will be a few apples and but little of any other kind. Farmers generally are well up with their work. Nearly all the corn ground has been plowed.

LOGAN—The early seeding of winter wheat is looking well and promises a fair yield. The late seeding has been winter-killed and much of it will be plowed up and the land planted to corn. The condition of rye is about up to the average for this date. The oats area has been increased over that of last season and the growing crop is doing well. About one-fifth of the old wheat and corn crop remains in the hands of the producer. Owing to the drouth of last season and the overstocking of pastures during the fall, pastures are in poor condition. Meadows are backward. There is very little if any change in the supply of cattle, horses, hogs and sheep. The fruit prospect is more encouraging than usual. The soil does not break up well, owing to the drouth, and many farmers are behind with their spring work. Live stock is a little thin in flesh, otherwise in fine condition.

MACON—The prospect is not encouraging for more than three-fourths of an average yield per acre of winter wheat. The early seeding is about up to the average, but the late seeding was badly winter killed and will be plowed up and put in other crops. Very little rye grown in this county, but what there is looks fairly well. Meadows and pastures have seldom looked worse on May 1, the weather since spring opened has not been favorable to the growth of grass. The fruit prospect is not flattering, especially small fruits which have been badly winter-killed. There is the usual number of cattle, horses, sheep and hogs on hand. Farm animals are rather under the average condition, the winter was severe and feed scarce. About one-fourth of the old wheat and corn crop remains in the hands of the farmer. The usual amount of plowing has been done to date and farmers generally are well up with their spring work.

MACOUPIN—The condition of winter wheat is very poor indeed; the winter was very severe on the growing crop, and since spring set in there has been little or no rain. The prospect is not encouraging for more than half an average crop. Winter rye looks fairly well, having stood the unfavorable winter and spring much better than wheat. There is a slight decrease in the area devoted to oats as compared with that of last season. The supply of cattle, horses, hogs and sheep is not as large as on May 1, 1887. The condition of farm animals is below an average for this date owing to the scarcity of feed. Meadows and pastures are in poor condition. There is an abundance of bloom of apple and other fruits and the prospect for a large yield is good. But little of the old crop of wheat and corn remains in the hands of the producer.

MADISON—The prospect is not encouraging for more than half of an average yield per acre of winter wheat, much of the growing crop winter-killed and the unfavorable weather of the spring has been very injurious to the wheat that survived the winter. Rye is in about the same general condition as wheat. A larger area has been seeded to oats than usual; condition only fair. But little of the old wheat or corn crop remains in the hands of the farmer. Meadows were about all killed by the drouth last summer and do not look well. Pastures are very backward owing to the cold, dry weather of the spring. The prospect for a large yield of fruit is good. There is little or no change in the supply of cattle, horses, hogs and sheep

as compared with May 1, 1887. Farm animals generally are thin in flesh but are in good health. The soil is in fine condition for the plow; breaks easily and pulverizes well. About one half of the usual amount of spring plowing has been done to date.

MARION—Winter wheat is very backward and is being injured by brouth and chinch-bug. Under the most favorable conditions until harvest the yield per acre will not exceed two-thirds of an average. No rye grown in this county for market. The area devoted to oats is fully one-third larger than that of last season. Meadows are very short and backward for this date. Pastures are not up to the average in condition for May 1. About 15 per cent. of the old corn and wheat crop remains in the hands of the farmer. The prospect for fruit of all kinds is better than for several years past. There is a decrease in the number of cattle, horses, hogs and sheep on hand May 1 as compared with a corresponding date last season. Farm animals are thinner in flesh than usual for this date, otherwise in fair condition. About half of the spring plowing has been done to date.

MARSHALL—Winter wheat is in good condition and the prospect is encouraging for nearly an average yield per acre. The same may be said of winter rye. The area seeded to spring wheat this spring is not so large by 25 per cent. as that of last season. The crop is doing well. There is an increase in the oats area seeded this spring as compared with last. Meadows and pastures are in fair condition. Grass has not made the usual growth owing to the continued drouth. Stock has been turned in on pastures and is doing well. There is a fair prospect for fruit. Farmers disposed of their surplus live stock last fall much closer than usual, owing to the scarcity of feed, hence the number on hand May 1 is greatly reduced from that on hand at a corresponding date last season. Farm animals are in good condition and health. About two-thirds of the spring plowing has been done to date. Farmers are well up with their work.

MASON—The condition of winter wheat is far below the average for this date. Owing to the drouth and unseasonable weather wheat has made but little growth since spring set in. Very little rye raised in this county for market. Oats are not doing well and the area devoted to this crop is not as large as last season. Not more than ten per cent. of the old wheat and corn crop remains in the hands of the producer. Meadows and pastures are backward; grass having made but little growth as yet. The prospect for every variety of fruit raised in this latitude is good. The bloom is unusually heavy. There are not as many cattle, horses, sheep and hogs on hand May 1 as at a corresponding date last season. Farm animals are thin in flesh otherwise in good condition.

MASSAC—Winter wheat looks badly, much of the crop has been frozen out where the soil is thin; considerable of the growing crop is being injured by the fly and chinch-bug. The condition of winter rye is not up to the average for May 1. There is a slight decrease in the area seeded to oats, condition good. Meadows are in fair condition but the area is much smaller than that of last season owing to the drouth of the fall which killed the grass. Pastures are doing fairly well.

There is a very good prospect for all kinds of fruits. Farmers sold off their surplus cattle, horses and hogs last fall owing to the scarcity of feed, hence the number on hand May 1 is less than that of last season. Live stock is in good health but rather thin in flesh for this season of the year. Farmers are backward with their work.

MCDONOUGH—Wheat was considerably injured by the winter but is growing rapidly and with fair conditions until harvest will make an average crop. Rye is doing well. Spring wheat is making fair growth; the area covered is 15 per cent. less than that of last season. Oats cover a larger area than in 1887 and are doing well. Meadows are in poor condition. Clover nearly all winter-killed. The spring has been unfavorable for the growth of grass and pastures are backward. The fruit prospect is not encouraging. There is a decrease in the supply of cattle, horses, hogs and sheep on hand May 1 as compared with corresponding date last season. Farm animals are in fair health and condition. Not more than 10 per cent. of the old wheat and corn crop remains in the hands of the farmer. Spring work is well advanced.

MCHEHRY—Winter wheat is looking well. Rye has made fine growth and promises a full average yield per acre. The usual area has been seeded to spring wheat and oats; both crops are doing well. Barley is making good growth but covers a smaller area than last season. Meadows were fed closely last fall and the cold, dry spring has retarded the growth of grass. Clover was badly winter-killed. Pastures are thin and are not doing well. Too early to give estimate of fruit prospect. There is a decrease in the number of cattle, horses, hogs and sheep on hand May 1 as compared with a corresponding date last season. Farm animals are in fine condition and health. About two-thirds of the spring plowing has been done to date. Not more than 10 per cent. of the old corn remains in the producer's hands.

MCLEAN—The dry spring has been very unfavorable for the rapid growth of wheat. That seeded on low tiled land looks well and with favorable conditions until harvest will make an average yield per acre, while that grown on high lands was badly winter killed and is being injured by the drouth. Very little rye grown in this county. The usual area has been devoted to spring wheat and oats. Both crops are making good growth. About 10 per cent of the old wheat and 20 per cent of the old born crop remains in the hands of the farmer. Meadows are unusually backward and the prospect for hay is very discouraging. Pasturage is short and is not sufficiently advanced for grazing purposes. There will be a fair crop of fruit. There is but little change in the supply of cattle, horses, hogs and sheep. The condition of live stock is good. Farmers are generally well up with their spring work and about three-fourths of the spring plowing has been done.

MENARD—Winter wheat has made but little growth since spring set in owing to the unseasonable weather and the prospect is not encouraging for more than two-thirds of an average yield per acre. Rye is in fair condition. The area devoted to oats is not as large as last season; condition good. Meadows are thin and the stand very poor.

Clover was badly winter killed. Pasturage is short and hardly fit for grazing purposes at this date. Fruit trees are full of bloom at this date and the prospect is good for a larger yield than last season. The number of cattle, horses, hogs and sheep is about the same as on a corresponding date last season. Condition and health of live stock generally is good. The old wheat and corn crop has been sold off unusually close, not more than 10 per cent of either remaining in the producers' hands. About two-thirds of the spring plowing has been done to date.

MERCER—Winter wheat does not promise more than three-fourths of an average yield per acre. Since April 1 there has been no rain and the growing crop has been at a standstill. Rye is in better condition than wheat and promises nearly an average yield per acre. The area devoted to oats is not quite as large as that of last season; condition good. Meadows and pasturage have made but little growth owing to the drouth. There is not more than 5 per cent of the old wheat crop and 10 per cent of the old corn crop on hand May 1. The area seeded to spring wheat and oats is about the same as last season; both crops are doing well. During the fall farmers disposed of their surplus live stock much closer than usual, hence the number on hand May 1 is considerably less than at a corresponding date last season. The prospect for fruit is only fair. About three-fourths of the spring plowing has been done to date and farmers generally are well up with their work. Farm animals are in fine health and condition.

MONROE—Wheat has been badly winter-killed and the prospect is not encouraging for more than three-fourths of an average yield per acre. The area seeded to oats is not more than half as large as that of last season; the condition of the growing crop is good. Meadows and pastures are looking fairly well. Clover was nearly all winter-killed. Grasses are needing a good rain. There is little or no change in the supply of cattle, horses, hogs and sheep as compared with that of last season at a corresponding date. Farm animals are a little thin in flesh but are doing well. The prospect for fruit is more encouraging than for several years past. The season has been favorable for outdoor work and farmers generally have taken advantage of it and have the spring plowing done and are planting corn.

MONTGOMERY—Winter wheat has seldom been in poorer condition on May 1 than this season. The prospect is not good for more than one-third of an average yield per acre. Rye is in much better condition than wheat. The area devoted to oats this spring is about the same as last season. Meadows and pasturage are backward owing to the drouth during the past month. The prospect is fair for nearly every variety of fruit. Some of the small fruits have been more or less injured by the cold winter. There is about the same number of cattle, horses, hogs and sheep on hand May 1 as at a corresponding date last year. Owing to the short pasturage last fall and the scarcity of feed during the winter, live stock is thinner in flesh than usual. Very little old corn or wheat remains in the hands of the producer. About one-half of the spring plowing has been done to date.

MORGAN—The continued dry, cold weather of the past month has somewhat injured

the prospect for an average yield of winter wheat per acre. The rains of the past few days have been very beneficial and wheat may yet make an average crop. But little rye sown in this county for harvest. The area devoted to oats is larger than that of last season and the condition of the growing crop is good. Clover was nearly all winter-killed. Timothy and other grasses are very slow starting; the prospect for hay is not encouraging. Pastures are at least three weeks late; grass very short. The late rains will do an immense amount of good. There is a fine prospect for apples, pears, plums and all kinds of small fruits. There are fewer cattle, horses, hogs and sheep on hand May 1 than at a corresponding date last season. The health and general condition of farm animals is good. About two-thirds of the spring plowing has been done to date. Farmers are not up with their spring work.

MOULTRIE—The condition of winter wheat is much below the average owing to the unseasonable weather during the spring. At present wheat is making little or no growth. Very little rye grown in this county. The oats area is larger than last season and the growing crop is doing well. Meadows are not up to the average in condition for May 1. Pastures are backward owing to the drouth and afford but little feed for live stock. The outlook for a large fruit yield is good. There is about the same number of cattle, horses, hogs and sheep on hand May 1 as at a corresponding date last season. There is not more than 10 per cent. of the old wheat and corn crop remaining in the hands of the farmer. Live stock is in fair condition. Farmers are well up with their spring work.

OGLE—The condition of winter wheat is nearly up to the average for May 1. The weather during April has been unfavorable to the rapid growth of crops. Rye is doing well. The area devoted to spring wheat, oats and barley is about the same as last season and the growing crops look well. Meadows and pastures have suffered for want of rain and are very backward. The fruit crop will not be as large as last season, owing to a large number of trees being killed by sleet during March. There is a decrease in the number of cattle, horses and sheep on hand May 1 as compared with a corresponding date last season. Live stock is in good health and fair condition. Farm work is pretty well advanced and many farmers are ready to plant corn as soon as the weather settles.

PEORIA—Winter wheat promises about three-fourths of an average yield per acre. The early seeding has stood the winter much better than that sown late in the fall. Much of the late seeding was winter-killed. Winter rye looks well and will make an average yield per acre. The usual area has been seeded to oats and spring wheat; both crops are doing well. Meadows and pastures need rain. Fully one-half of the clover was winter-killed. The fruit bloom indicates a large yield of apples, pears, plums and a few peaches, and an abundance of small fruit. There is little or no change in the number of cattle, horses, hogs and sheep on hand May 1, as compared with a corresponding date last season. There is not more than 10 per cent. of the old corn or wheat on hand.

PERRY—About one-fourth of the wheat seeded last fall was winter-killed, and the

prospect is not very good for more than three-fourths of an average yield per acre. Rye is in better condition than wheat. The area devoted to oats is fully 10 per cent. larger than that of last season; condition good. Meadows and pastures are not up to the average condition for May 1, owing to the unseasonable weather during the past month. There is a fine prospect for apples, pears and all kinds of small fruits. There is little or no change in the number of cattle, horses, hogs and sheep on hand May 1, as compared with that of last season at a corresponding date. Live stock is in fine health and condition. There is very little of the old corn or wheat crop remaining in the hands of the farmer. Farm work is well advanced for this date.

PIATT—Winter wheat is in very poor condition; the cold, dry weather during the past month has not been favorable to growing crops. Rye is in fair condition. The area seeded to oats is about the same as last season; condition good. Meadows and pastures are very backward. Grass has suffered for want of rain and has not made the usual growth for May 1. There is a fair prospect for nearly every variety of fruit that is raised in this latitude. Farmers sold off their surplus live stock last fall much closer than usual owing to the scarcity of feed, hence the number on hand May 1, is less than that on a corresponding date last season. Condition and health of live stock is good. Not more than 10 per cent. of the old wheat and corn crop remains in the hands of the producer. About one-half of the spring plowing has been done to date.

PIKE—Wheat was badly winter-killed on the high prairie lands. The prospect is not encouraging for more than two-thirds of an average yield per acre. Rye is not sown in this county excepting for pasture. The area seeded to oats is about the same as last season and the condition of the growing crop is good. Meadows and pastures are suffering from the continued drouth and are not up to the average for May 1 in condition. Clover was winter-killed. There is a slight increase in the number of cattle, horses, hogs and sheep on hand May 1, as compared with corresponding date last season. The prospect for apples, pears and small fruit is good. There is but little old wheat and corn remaining in the farmers' hands. Farm animals are not in as good flesh as usual for this season of the year, owing to the scarcity of feed during the winter. Farm work is well advanced.

POPE—The prospect is not encouraging for more than three-fourths of an average yield of winter wheat per acre. Rye is doing well. The usual area has been seeded to oats, and the crop is making fine growth. Meadows and pastures are backward. There has not been sufficient rain this spring for the rapid growth of grasses. Red clover was badly winter-killed. There is every indication of a large fruit yield this season. The number of cattle, horses and hogs remain about the same as on May 1 last season. About 20 per cent. of the old wheat and corn crop remains in the hands of the farmer. The soil is in fair working order, and about four-fifths of the spring plowing has been done to date.

PULASKI—The prospect for winter wheat is good and with favorable conditions until harvest a better yield than an average may

be expected. Meadows and pastures are not in good condition owing to the cold, dry spring. The drouth of last fall injured meadows very much. About the usual number of cattle, horses, sheep and hogs are on hand for May 1. There will be a large yield of all kinds of fruit except early apples. A worm of some kind is eating the leaves off of early June apples. About 15 per cent. of the old wheat and corn crop remains in the hands of the producer. The soil does not break well and farmers are not up with their spring work. Farm animals are in fair condition. There is a larger area seeded to oats this spring than usual; crop doing well.

PUTNAM—Winter wheat will not make more than three-fourths of an average yield per acre under the most favorable conditions until harvest. Much of the late seeding was winter-killed. Winter rye has seldom looked better than this season. The usual area has been seeded to spring wheat and oats, and both crops are doing well. Meadows and pastures have made a fair start and are growing rapidly since the recent rains. About 15 per cent. of the old wheat and corn crop remains in the hands of the farmers. There is about the same number of horses, cattle, hogs and sheep on hand May 1 as last season at a corresponding date. There will be more fruit this season than last. Farm animals are thin in flesh but are in good health. Farm work is very well advanced for May 1.

RANDOLPH—Winter wheat in some localities in this county is but little better than a failure, whilst in others about half an average yield may be expected. Much of the area seeded last fall has been plowed up and seeded to other crops. Rye is in very fair condition. The oats area is fully 25 per cent. larger than that of last season. There has been little or no rain during the past month, consequently grass has made but poor growth. There is an abundance of apple, pear and plum bloom and a few peach blooms. The number of cattle, horses, hogs and sheep on hand May 1 is about the same as last season at a corresponding date. Farm animals are in good condition. Not more than 15 per cent. of the old wheat remains in the hands of the producer. Nearly all the spring plowing has been done.

RICHLAND—Winter wheat does not promise more than two-thirds of an average yield per acre. The drouth and chinch-bug are injuring the growing crop at this time. Little or no rye raised in this county. The area seeded to oats is not quite so large as that of last season. Many meadows were damaged by the drouth last season and the continued unfavorable weather during the past month has retarded the growth of grasses. Pastures are backward from same cause. The fruit prospect has seldom been more encouraging than this spring. There is an abundance of apple, pear, plum and peach bloom. There are fewer cattle, horses, sheep and hogs on hand May 1 than last season. Live stock generally is in good condition, having come through the winter in better condition than usual. Farmers are well advanced with their work.

ROCK ISLAND—Winter wheat has suffered more from the drouth and cold, unfavorable spring than it did from the winter. The prospect is good for about four-fifths of an average yield per acre. Rye is looking a little better than wheat. The usual area has

been seeded to spring wheat, barley and oats and the condition of the growing crop is fair. Meadows and pastures are backward owing to the drouth. Grass has been at a standstill for a month past. There are fewer cattle, horses, hogs and sheep on hand May 1 than usual, owing to farmers selling off their surplus stock closer last fall than for several years past. It is too early to give any estimate of the fruit prospect. About 20 per cent. of the old wheat and corn crop remains in the hands of the producer. Farm animals are looking well and have been unusually free from disease during the winter and spring.

SALINE—Wheat was rather backward up to April 1, when it made fine growth for two weeks, but at this time the weather is cold and dry and the plant is at a stand-still. Little or no rye raised in this county. Meadows and pastures have not made the usual growth for May 1, owing to the drouth. Peaches have been killed by the recent frosts. The prospect for apples and small fruit is good. The number of cattle, horses, hogs and sheep on hand May 1 is about the same as last season at a corresponding date. Not more than 10 per cent. of the old corn crop remains in the hands of the producer. Little or no old wheat in the county. Farmers are well advanced with their spring plowing.

SANGAMON—About 20 per cent. of the winter wheat was winter killed. The growing crop has been greatly damaged by the unseasonable weather during the spring and the prospect is not encouraging for more than three-fourths of an average yield per acre. Winter rye seldom winter-kills and always comes through the winter in better condition than wheat. The area seeded to oats is somewhat larger than that of last season and the growing crop is nearly up to an average in condition. Red clover was nearly all winter-killed. Many meadows will be plowed up and reseeded. Timothy is very backward, the past month having been too dry and cold for the rapid growth of grasses. Pastures are backward but are in better general condition than meadows. There is a heavy bloom of apples, pears, plums and cherries, but few peaches. Small fruits of every description promise large yields. There is fully 25 per cent. fewer cattle on hand May 1 than at a corresponding date last season; about the usual number of horses, hogs and sheep. Live stock is in fine health but thin in flesh. About two-thirds of the spring plowing has been done and many farmers are waiting for a rain before planting corn. About 10 per cent. of the old corn and wheat crop remains in the hands of the producer.

SCHUYLER—The late seeding of winter wheat was nearly all winter-killed. The prospect is good for but little over half an average yield per acre. A considerable area seeded to wheat last fall has been plowed up to be planted to other crops. Rye is in very good condition. The oats area is somewhat smaller than that of last season; the growing crop is doing well. Meadows and pastures have been very backward about starting, owing to the unfavorable weather during the past month. The recent rains have given them a new start, and the grass is now growing rapidly. The number of cattle, horses, hogs and sheep on hand May 1 is not quite so large as last season at a corresponding date. Live stock is in good health and condition. There

will be a full crop of every variety of fruit excepting peaches. The bloom is unusually heavy. About 15 per cent. of the old wheat and corn crop remains in the hands of the producer. Farm work is well advanced. The soil is in fine condition for plowing and planting.

SCOTT—Most of the late sown wheat came through the winter in bad condition; the lack of rain since spring opened has been unfavorable, and the prospect now is not encouraging for more than a half crop; Rye is in much better condition than wheat. Meadows are very backward. All the red clover was winter-killed. The hay crop will be light. Pastures are growing very slowly and are suffering for rain. Bluegrass is in fair condition. There is a larger area of oats seeded this spring than in 1887; condition good. Very little old corn or wheat on hand May 1. Farmers sold off their surplus cattle, horses, sheep and hogs closer during the fall, than usual, hence the number on hand May 1 is less than at a corresponding date last season. Much of the live stock is in poor condition. Horses are in good condition.

SHELBY—Winter wheat will not make more than one-fourth of an average yield per acre. Most of the wheat was seeded late and did not make root enough to stand the winter. Rye will yield about half an average crop. The oats area is greatly increased over that of last season owing to the large area of wheat plowed up this spring. Barley has about the same area as last season. Meadows and pastures are very backward, owing to the drouth during the past month. Clover is nearly all winter-killed. There is less live stock on hand than for several years past, owing to the scarcity of feed. The fruit bloom is unusually large and the prospect is encouraging for apples, pears, plums and peaches. The soil is in fine working condition. About 10 per cent. of the old wheat and corn crop remains in the hands of the producer.

STARK—The spring has been too dry and cold for wheat and rye to make satisfactory progress. The prospect is good for about four-fifths of an average yield per acre. The area seeded to spring wheat is not so large as last season. Oats and barley cover about the same area as in 1887 and both crops are making good growth. Meadows and pastures are very short owing to the dry weather, but as it is raining to-day an improvement in the growth of grass is expected. There are not as many cattle, horses and hogs on hand as usual for May 1. Farmers sold off their surplus live stock last fall much closer than heretofore on account of the scarcity of feed. The prospect for fruit is better than for several years past on account of the late spring, which has kept the trees from budding, thus saving them from the frosts. About 14 per cent. of the old corn remains in the producers' hands.

ST. CLAIR—The condition of winter wheat is poor; badly injured by the winter but more so by the cold, dry weather of March and April. The prospect is not good for more than 50 per cent. of an average yield per acre. Rye looks fairly well. The oats area is increased over that of last season fully 66 per cent. The growing crop is making good growth. Meadows and pastures are in fair condition. Grass is a little backward owing

to the unfavorable season. There is an increase in the number of cattle, horses and hogs on hand May 1 as compared with last season at a corresponding date. Condition and health of farm animals good. There will be an abundance of all kinds of fruit. But little of the old corn and wheat crop on hand.

STEPHENSON—The prospects for winter wheat is encouraging for nearly an average yield per acre. The same may be said of winter rye. The area seeded to spring wheat and barley is not as large as that of last season. Oats cover a larger area than last season, and are making fine growth. Meadows and pastures have not made the usual growth, on account of the cold dry weather of the past month. There is a decrease of fully 20 per cent. in the number of cattle, horses and hogs on hand May 1 as compared with last season on same date. There will be some fruit, but it is too early to give any correct estimate of the yield. Farm animals are in fine health, but are thin in flesh, owing to the scarcity of feed during the winter.

TAZEWELL—Wheat has wintered badly; much of it killed. The prospect is not good for more than half an average crop. Rye looks better than wheat and will make more than three fourths of an average yield per acre. The usual area has been seeded to oats and the growing crop looks well. Meadows and pastures are backward owing to the cold, dry weather of the past month. Clover was about all winter-killed. The number of cattle, horses and hogs is about the same as last season on May 1. Farm animals are looking very well. There is a heavy bloom of apples, plums and all the small fruits. About 15 per cent. of the old wheat and 33 per cent. of the old corn crop remains in the hands of the producer.

UNION—The prospect for winter wheat is encouraging for nearly an average yield per acre should the conditions remain favorable until harvest. There is very little rye raised in this county. The area devoted to oats is about as large as last season, and the growing crop is doing well. Meadows and pastures are in fine condition, but are needing a good rain at this time. There is not as many cattle, horses and hogs on hand May 1 as last season at a corresponding date. The apple, pear, plum and peach trees are heavily laden with bloom, and the prospect for small fruit is good. About 15 per cent. of the old wheat and 20 per cent. of the old corn crop remains in the hands of the producer. Spring work is well advanced, and a large area of corn has been planted.

VERMILION—Nearly two-thirds of wheat seeded last fall was winter-killed, and that left for harvest will not yield one-half crop. Rye is making fine growth having come through the winter in much better condition than wheat. The area seeded to oats is fully 15 per cent. larger than last season, and the growing crop is in good condition. There is considerable reduction in the number of cattle, horses and hogs on hand May 1, as compared with last season. Farm animals are looking well. Meadows and pastures are a little backward on account of the cold dry weather but are making fine growth. The fruit prospect is better than for several years past; the bloom is quite heavy. There is little or no complaint of disease among farm animals. About 15 per cent. of the old

wheat and corn crop remains in the hands of the farmer.

WABASH—The prospect for winter wheat is good for four-fifths of an average yield per acre if the chinch-bug does not injure it. The oats area is larger than of last season, the growing crops look well.

Meadows have made poor growth but they are full of life and promise nearly an average yield. Pastures are at least two weeks behind in growth. The fruit prospect is the most encouraging of any for several years past. The number of cattle, horses and hogs on hand May 1, is about the same as last season. Farm animals are in fine condition and health. About 10 per cent. of the old wheat and 14 per cent. of the old corn crop remains in the hands of the farmer. Not more than two-thirds of the usual amount of plowing has been done.

WARREN—The small amount of wheat sown in this county has been injured by the continued drouth during April to some extent. The prospect is good for four-fifths of an average yield per acre. Rye is looking well. The usual area has been seeded to spring wheat and oats; both crops are doing well. There is but little change in the number of cattle, horses and hogs on hand May 1, as compared with last season. The condition and health of farm animals is generally good. The indications are favorable for a good yield of fruit of all kinds raised in this latitude. About one-fourth of the old wheat and corn remains in the hands of the farmer. Nearly all the spring plowing is done, and farmers generally are up with their work.

WASHINGTON—The wheat prospect is very poor. Not more than one-third of an average yield per acre is expected. Rye will make three-fourths of an average crop. The area seeded to oats is larger by 14 per cent. than last season; the growing crop is doing well. Meadows and pastures are poor. The grass has not recovered from the effects of the drouth last fall. The fruit prospect is encouraging. There is a heavy bloom of apples, pears, peaches and small fruit. The number of cattle on hand May 1 is about the same as last season. Horses have been sold off very closely and the number is not quite so large as last season. About less than 10 per cent. of the old wheat and 20 per cent. of the old corn crop remains in the hands of the farmer.

WAYNE—There will not be half of an average yield of winter wheat under the most favorable conditions until harvest. Rye is not doing well. The area seeded to oats is about the same as last season; the growing crop looks well. Meadows and pastures are backward, never having fully recovered from the effects of the drouth last season. There is a fine prospect for all kinds of fruit except blackberries. There is no material change in the number of cattle, horses, sheep and hogs on hand May 1, as compared with last season. Farm animals are hardly up to the average in condition, but are free from disease. About 10 per cent. of the old wheat and corn remains in the hands of the farmer.

WHITE—Winter wheat is very thin on the ground owing to the late seeding and drouth last fall. The chinch-bug is working in the wheat and injuring it very much. The pros-

pect is not good for more than two-thirds of an average yield per acre. Rye is doing well. The oats area is about 10 per cent. larger than that of last season. The growth of oats is small. A good rain is needed. Meadows and pastures are backward. Clover was nearly all winter-killed. The number of cattle, horses and hogs is greatly reduced from that of May 1, 1887, on account of farmers selling off their stock last fall more closely than usual. About 10 per cent. of the old corn and wheat crop remains in the hands of the farmer. Spring plowing is nearly done.

WHITESIDE—There is very little winter raised in this county. The prospect is good for about three-fourths of an average yield per acre. Rye will make a good yield. The usual area has been seeded to spring wheat, oats and barley; the growing crops are doing well. Meadows and pastures have made poor growth up to the last week in April, when the grass received a new start by a good rain. The fruit prospect is fair for this latitude. The number of cattle, horses and hogs is about the same as last season on May 1. Farm animals are doing well when the unfavorable spring is taken into consideration. About 10 per cent. of the old wheat and corn remains in the hands of the producer. Farm work is not as well advanced as usual for May 1.

WILL—The spring has been very backward and wheat has not made the usual growth for May 1. The prospect is good far nearly an average yield per acre. Rye is in fine growing condition. The usual area has been seeded to spring wheat and oats; and the growing crops are doing well. Meadows and pastures are backward for May 1, but are improving rapidly in condition since the late rains. The fruit prospect is unusually good for this latitude. There is about the same number of horses, hogs and sheep on hand as last season, but their are fewer cattle. Feed has been scarce and the condition of live stock is correspondingly low. About one-third of the old wheat crop remains in the hands of the producer. Spring work is well advanced; most all of the area intended for corn has been plowed.

WILLIAMSON—The condition of wheat in some fields where sown early is good, whilst the late seeding is generally poor. Much of the wheat was winter-killed. Chinch-bugs are infesting the wheat in some localities. The oats area is increased over that of last season; condition of the growing crop is fair. The grass was nearly all killed by the continued drouth during the summer and fall and has made but little growth this spring. A worm (similar to the Army worm) is injuring the grass in some portions of the county. Plums are mostly killed and cherries have been thinned out by frosts. The prospect is good for apples and peaches. Small fruits promise a large yield. The number of cattle, horses and hogs is not quite so large as last season on May 1. The health of farm animals is good but cattle are thin in flesh, owing to the hard winter and high price of feed. About 10 per cent. of the old corn and wheat crop remains in the hands of the producer.

WINNEBAGO—The wheat crop has been badly injured by the severe winter and the dry, cold weather of the spring. The prospect is encouraging for about three-fourths

of an average yield per acre. Rye will make nearly an average crop. The area seeded to spring wheat and barley is not quite so large as that of last spring; oats cover about the same area as last season; the growing crops are doing well. Meadows and pastures are fully two weeks behind, owing to the drouth last fall and the unfavorable weather of the spring. There is quite a reduction in the number of cattle, horses and hogs on hand May 1 as compared with same date last season. Cattle are unusually thin in flesh, owing to the scarcity of feed during the winter. Horses are in fine condition. The fruit prospect is better than for several years past. About 20 per cent. of the old corn and wheat remains in the hands of the producer. Spring work is well advanced.

WOODFORD — Winter wheat will make about three-fourths of an average yield per acre if the conditions remain favorable until harvest. Rye is doing well. Spring wheat and oats cover about the same area as last season; condition good. Meadows and pastures are in poor condition. The drouth last fall and the cold, dry spring has been unfavorable for the growth of grass. The fruit prospect is very encouraging. The number of cattle, horses and hogs on hand May 1 is hardly so large as last season on same date. Health and condition of farm animals is good. Less than 20 per cent. of the old corn and wheat crop remains in the hands of the producer.

CONDITION WINTER WHEAT MAY 1, 1888.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.												
COUNTIES.					COUNTIES.					COUNTIES.												
Av. condition May 1.					Av. condition May 1.					Av. condition May 1.												
1888	1887	1886	1885	1884	1883	1882	1888	1887	1886	1885	1884	1883	1882	1888	1887	1886	1885	1884	1883	1882		
Boone.....	90	97	102	100	95	83	Adams.....	65	107	102	43	71	90	75	Alexander.....	79	105	115	60	100	93	108
Bureau.....	62	85	100	75	107	75	Brown.....	70	100	102	67	83	88	100	Bond.....	70	102	78	39	59	54	100
Carroll.....	80	90	105	47	107	95	Calhoun.....	50	100	100	83	95	90	100	Clay.....	56	82	93	62	29	63	100
Cook.....	50	92	100	90	90	90	Cass.....	72	103	112	65	102	87	120	Clinton.....	25	90	*83	76	90	40	97
DeKalb.....	80	100	105	97	100	105	Champaign.....	58	102	98	*25	60	62	116	Crawford.....	54	87	100	47	35	65	97
DuPage.....	90	100	100	80	100	95	Christian.....	44	105	106	33	77	72	92	Edwards.....	82	77	95	75	61	75	100
Grundy.....	*74	80	110	110	100	100	Clark.....	38	93	81	37	50	74	90	Efingham.....	45	112	93	75	62	74	96
Henderson.....	75	88	105	70	85	107	Coles.....	25	98	99	48	71	55	103	Fayette.....	18	95	100	24	62	45	96
Henry.....	100	78	100	90	90	100	Cumberland.....	34	104	98	45	81	67	103	Franklin.....	100	91	95	41	80	75	107
Iroquois.....	72	90	105	95	87	115	DeWitt.....	65	92	117	82	102	62	125	Gallatin.....	92	90	108	70	82	90	105
JoDavies.....	92	90	101	49	101	77	Douglas.....	57	102	103	54	82	49	108	Hamilton.....	72	78	104	43	72	53	103
Kane.....	75	80	102	100	95	100	Edgar.....	55	94	92	85	97	55	103	Hardin.....	80	100	112	77	75	106	106
Kankakee.....	80	92	105	75	*5	65	Ford.....	87	75	*102	.....	.....	40	95	Jackson.....	73	113	100	40	90	82	106
Kendall.....	62	78	100	95	100	62	Fulton.....	63	100	106	66	99	86	120	Jasper.....	90	95	70	40	47	55	111
Knox.....	86	96	107	80	103	87	Greene.....	55	110	106	30	97	90	93	Jefferson.....	46	70	82	46	33	61	107
Lake.....	72	92	100	62	85	82	Hancock.....	71	104	110	65	107	95	110	Johnson.....	70	89	106	39	73	70	106
LaSalle.....	66	82	90	77	84	80	Hercy.....	54	102	92	25	88	75	96	Lawrence.....	95	66	85	48	80	56	90
Lee.....	100	94	*101	75	100	40	Logan.....	64	101	108	65	102	52	108	Madison.....	55	86	95	52	77	70	86
Livingston.....	75	75	97	85	100	60	Macon.....	56	96	107	88	73	44	106	Marion.....	77	87	97	65	63	52	102
Marshall.....	97	90	90	.....	115	110	Macoupin.....	55	97	96	34	80	77	61	Massac.....	75	102	117	55	86	81	113
McHenry.....	90	90	105	92	112	76	Mason.....	60	102	105	57	102	77	106	Monroe.....	75	85	70	82	100	86	110
Mercer.....	77	85	95	70	100	62	McDonough.....	82	117	108	58	106	115	115	Perry.....	80	77	70	59	69	67	109
Morgan.....	75	92	98	75	07	62	McLean.....	78	98	110	72	86	57	112	Pope.....	75	92	98	*50	87	61	99
Ogle.....	77	77	102	75	95	88	Menard.....	66	105	105	53	103	62	112	Pulaski.....	101	90	112	75	103	83	110
Peoria.....	77	90	102	82	90	91	Montgomery.....	40	109	104	47	72	52	96	Randolph.....	50	100	73	95	64	111	111
Putnam.....	83	79	110	60	83	65	Morgan.....	81	99	108	80	107	94	110	Richland.....	69	75	93	62	52	62	103
Rock Island.....	86	85	102	75	100	90	Moultrie.....	47	85	102	48	80	75	102	Saline.....	65	83	95	55	85	55	105
Stark.....	85	93	99	72	90	76	Platt.....	62	100	100	62	87	54	97	St. Clair.....	50	88	60	56	63	54	99
Stephenson.....	82	95	100	82	100	87	Pike.....	68	112	97	29	60	74	116	Union.....	95	90	103	50	85	90	103
Warren.....	75	90	100	80	50	70	Sangamon.....	72	104	104	44	100	71	106	Washington.....	83	85	89	59	74	82	100
Whiteside.....	87	98	96	.....	97	107	Schuyler.....	50	101	108	75	95	95	108	Wayne.....	39	87	65	42	75	63	100
Will.....	75	78	90	52	95	62	Scott.....	67	106	100	40	82	59	92	White.....	55	51	53	38	62	40	106
Winnebago.....	72	91	95	72	97	108	Shelby.....	27	103	108	10	83	74	103	Williamson.....	64	62	94	54	54	60	107
Woodford.....	77	88	101	77	94	105	Tazewell.....	60	97	140	64	105	77	109	Willamson.....	74	74	100	62	56	62	112
Average.....	77	88	101	77	94	80	Vermilion.....	42	100	110	15	71	40	112	Average.....	67	88	91	55	73	68	103
					*Estimated.																	

CONDITION SPRING WHEAT MAY 1, 1888.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.															
COUNTIES.					Average condition May 1.					COUNTIES.					Average condition May 1.					COUNTIES.					Average condition May 1.										
Ac. '88 com- pared 1887.					1888	1887	1886	1885	1884	1883	1882	Ac. '88 com- pared 1887.					1888	1887	1886	1885	1884	1883	1882	Ac. '88 com- pared 1887.					1888	1887	1886	1885	1884	1883	1882
Boone.....	102	95	102	100	85	100	97	100	93	Adams.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Alexander.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bureau.....	107	90	89	100	90	90	90	100	90	Brown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Bond.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carroll.....	83	92	95	100	100	100	100	100	100	Calhoun.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Clay.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cook.....	103	93	97	105	97	96	97	96	102	Cass.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Clinton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
DeKalb.....	101	100	108	102	99	...	...	...	...	Champaign.....	51	100	100	100	100	100	100	100	100	100	100	100	.....	Crawford.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
DuPage.....	100	97	100	110	100	100	100	100	100	Christian.....	85	60	95	...	...	...	...	...	...	...	...	...	.....	Edwards.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grundy.....	*106	*112	80	...	100	100	100	100	100	Clark.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Edingham.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Henderson.....	87	80	93	102	100	100	100	100	92	Coles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Fayette.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Henry.....	104	94	90	102	97	100	100	100	100	Cumberland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Franklin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iroquois.....	97	90	105	105	...	100	100	100	100	DeWitt.....	97	67	90	100	100	100	100	100	100	100	100	100	.....	Galatin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jo Daviess.....	75	100	100	90	87	100	100	100	102	Douglas.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Hamilton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kane.....	100	92	92	100	90	100	100	100	100	Edgar.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Harden.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kankakee.....	150	92	92	100	...	100	100	100	100	Ford.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jackson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kendall.....	112	89	95	102	100	100	100	100	103	Fulton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jasper.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Knox.....	107	97	90	102	100	100	100	100	103	Greene.....	100	100	...	...	...	...	...	...	...	...	...	...	...	Jefferson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lake.....	101	92	93	105	100	30	...	...	...	Hancock.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Johnson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
LaSalle.....	82	95	100	96	92	95	100	90	85	Jersey.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Lawrence.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lee.....	120	97	92	101	100	100	100	100	90	Logan.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Madison.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Livingston.....	90	80	85	...	100	75	...	...	...	Macon.....	100	100	70	100	100	100	100	100	100	100	100	100	.....	Marion.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marshall.....	70	95	92	90	100	100	100	100	75	Macoupin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Massac.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
McHenry.....	100	100	100	100	100	100	100	100	92	Mason.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Monroe.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mercer.....	100	72	83	102	...	50	100	100	100	McDonough.....	87	87	100	87	83	85	95	100	100	100	100	100	.....	Perry.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ogle.....	100	95	102	90	90	100	100	100	80	McLean.....	100	95	100	102	100	100	100	100	100	100	100	100	.....	Pope.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peoria.....	100	80	85	...	93	90	90	90	90	Menard.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Pulaski.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam.....	95	87	91	104	100	97	100	100	105	Montgomery.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Randolph.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rock Island.....	97	88	95	102	85	100	100	100	105	Morgan.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Saline.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stark.....	83	85	92	98	90	98	100	97	100	Moultrie.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	St. Clair.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stephenson.....	86	86	96	94	107	100	100	100	100	Piatt.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Union.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren.....	98	98	98	102	97	100	93	100	100	Pike.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Wabash.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whiteside.....	100	97	87	100	90	100	100	95	100	Sangamon.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Washington.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Will.....	95	102	95	117	100	100	100	100	101	Schuyler.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Wayne.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnebago.....	89	87	100	100	85	98	100	100	106	Scott.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	White.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Woodford.....	93	83	95	100	100	100	100	100	100	Seely.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Tazewell.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average.....	98	92	94	101	95	99	94	94	76	Vermilion.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
										Average.....	88	87	95	98	98	100	100	100	100	100	100	100

*Estimated.

CONDITION WINTER RYE MAY 1, 1888.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.										COUNTIES.										COUNTIES.									
Average condition May 1.										Average condition May 1.										Average condition May 1.									
1888	1887	1886	1885	1884	1883	1882	1881	1880		1888	1887	1886	1885	1884	1883	1882	1881	1880		1888	1887	1886	1885	1884	1883	1882	1881	1880	
Boone	87	104	102	100	97	96	100	93	Adams	80	100	100	90	100	90	100	92	80	100	Alexander ..	95	105	...	80	90	95	106	100	
Bureau	86	97	99	90	100	100	100	100	Brown	80	100	107	100	98	92	100	...	103	Bond	80	110	...	50	75	75	110	110		
Carroll	90	97	102	89	104	88	120	96	Calhoun	105	100	100	47	100	98	100	...	110	Clay	87	95	85	...	75	71	82	103		
Cook	93	92	108	97	77	100	100	102	Cass	72	99	100	97	104	97	108	77	88	Clinton	60	90	...	100	...	60	103	85		
DeKalb	92	103	107	95	100	101	80	83	Champaign ..	81	100	100	70	95	100	107	70	100	Crawford ..	60	85	100	85	84	80	98	100		
DuPage	87	87	112	97	91	105	100	100	Christian	75	104	105	85	95	76	96	83	100	Edwards ..	70	105	...	100	93	100	...	100		
Grundy	87	89	110	86	98	90	100	100	Clark	55	97	94	35	58	62	91	80	102	Effingham ..	70	105	...	100	93	100	...	100		
Henderson	82	97	102	95	100	92	104	100	Coles	75	97	100	75	100	86	108	98	100	Fayette	30	100	...	50	75	105	92	105		
Henry	98	92	102	91	84	82	102	105	Cumberland ..	70	107	100	100	106	77	103	77	93	Franklin	100	90	...	90	90	75	105	80		
Iroquois	88	93	96	97	91	86	115	80	DeWitt	83	97	102	75	106	77	103	77	93	Gallatin	100	...	...	...	...	75	105	80
Joliet	100	103	95	92	100	91	100	80	Douglas	75	100	97	80	95	100	100	70	100	Hamilton ..	70	100	...	50	90	70	93	80		
Kane	95	96	99	97	93	91	107	70	Edgar	80	87	100	...	...	...	...	76	105	Hardin	100	...	...	...	...	75	100	100
Kankakee	84	95	103	95	100	102	95	110	Ford	92	87	100	...	...	...	...	105	105	Jasper	60	95	...	70	63	66	70	80
Kendall	84	95	103	95	100	102	95	110	Fulton	90	95	103	92	100	93	104	101	105	Jefferson ..	65	85	...	63	54	48	65	96		
Knox	91	99	100	92	100	82	104	102	Greene	90	100	110	75	100	105	110	95	...	Johnson ..	100	90	...	67	82	78	88	100		
Lake	92	96	100	92	100	88	107	76	Hancock	85	100	106	100	103	96	100	102	95	Madison ..	30	90	...	100	87	90	85	92		
LaSalle	84	87	102	80	110	93	96	101	Harmon	100	100	102	95	...	...	...	77	...	Marion	90	82	...	75	50	70	87	108
Lee	100	96	101	99	101	77	108	100	Jersey	100	100	103	96	100	103	96	100	102	McDonough ..	90	95	...	100	92	92	92	100		
Livingston	90	92	94	88	95	87	98	100	Logan	90	100	103	95	...	...	...	77	...	McHenry ..	100	90	...	100	87	90	85	92
Marshall	100	95	100	85	103	105	100	106	Macon	85	97	90	90	75	96	80	87	...	Madison ..	30	90	...	100	87	90	85	95		
Mellbury	100	100	100	100	109	87	108	100	Macoupin ..	85	100	97	...	...	...	...	...	...	Marion	90	82	...	75	50	70	87	108
Mercer	100	84	106	97	100	78	103	100	Mason	85	100	97	...	...	...	...	...	...	Massac	75	80	...	110	50	70	87	100
Monroe	103	97	107	85	104	95	106	96	McDonough ..	90	100	100	83	100	92	102	92	100	Montroe ..	90	95	...	100	92	92	92	100		
Ogle	85	90	100	86	94	91	103	100	McLean	90	95	101	80	91	77	94	90	...	Perry	90	90	...	72	87	88	99	75		
Peoria	96	91	102	93	100	95	106	105	Menard	92	100	100	92	100	86	111	96	100	Pope	80	90	...	42	...	70	100	...		
Potomac	96	91	102	93	100	95	106	105	Morgan	77	100	100	58	89	82	95	91	120	Pulaski	100	100	...	100	100	100	100	110		
Rock Island ..	92	86	95	83	97	75	105	98	Montgomery ..	90	96	102	90	100	92	105	95	...	Randolph ..	95	95	...	97	80	77	64	101		
Stark	93	90	100	88	97	99	105	102	Moultrie	82	100	105	70	100	96	99	86	106	Richland ..	100	100	...	100	90	77	64	101		
Stephenson	90	99	100	96	91	88	104	85	Pike	92	100	100	75	97	83	102	90	100	Sabine	100	100	...	100	50	100	66	100		
Warren	94	98	103	90	100	94	106	103	Pike	92	100	100	75	97	83	102	90	100	St. Clair ..	100	100	...	100	100	100	100	105		
White	90	95	104	95	102	85	105	95	Sangamon	100	102	102	98	100	98	100	106	88	Union	100	100	...	100	70	97	95	100		
Will	99	93	122	98	100	102	107	91	Schuyler	90	100	107	85	100	100	106	108	105	Wabash	76	95	...	60	77	91	85	100		
Winnebago	79	102	97	87	100	98	109	95	Scott	95	100	107	75	95	82	90	95	100	Washington ..	76	95	...	60	77	91	85	100		
Woodford	92	97	97	78	100	88	100	101	Shelby	70	104	107	50	96	90	97	75	100	Wayne	47	65	...	50	100	46	101	65		
Average	89	95	102	91	96	91	104	95	Tazewell	80	100	125	97	96	95	107	85	98	White	82	60	...	95	95	75	110	75		
									Vermilion	92	100	100	100	80	82	104	80	150	Williamson ..	90	95	...	109	75	82	98	...		
									Average ..	84	99	102	83	95	88	101	87	101	Average...	78	92	...	92	85	78	99	85		

*Estimated.

ACREAGE AND CONDITION OF OATS MAY 1, 1888.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.										COUNTIES.										COUNTIES.									
Average condition May 1.										Average condition May 1.										Average condition May 1.									
Acreage '88 compared with 1887.	1888	1887	1886	1885	1884	1883	1882			Acreage '88 compared with 1887.	1888	1887	1886	1885	1884	1883	1882			Acreage '88 compared with 1887.	1888	1887	1886	1885	1884	1883	1882		
Boone.....	100	94	102	85	65	92	95	92	Adams.....	100	80	93	98	99	89	96	80	Alexander.....	119	90	97	90	100	86	103	96	103		
Bureau.....	103	91	86	99	82	100	100	105	Brown.....	100	98	75	97	87	95	89	100	Bond.....	115	92	92	90	89	84	90	93	90		
Carroll.....	102	88	97	100	...	100	100	105	Calhoun.....	105	80	82	100	100	100	95	96	Clay.....	101	84	100	85	100	90	96	74	95		
Cook.....	100	97	96	106	103	130	102	97	Cass.....	103	92	94	98	92	99	98	100	Clinton.....	115	87	95	86	100	90	96	74	95		
DeKalb.....	102	102	102	105	98	92	108	90	Champaign.....	99	93	96	98	97	97	100	108	Crawford.....	103	90	89	87	91	92	92	94	94		
DuPage.....	102	102	90	120	87	90	100	85	Clark.....	108	73	92	94	89	82	96	97	Edwards.....	107	67	100	100	95	102	...	...	...
Grund.....	102	100	82	101	83	97	100	90	Clark.....	107	87	92	96	96	90	100	100	Edgingham.....	104	86	101	100	105	100	87	102	102		
Henderson.....	107	92	87	96	95	98	100	100	Coles.....	108	90	90	103	97	95	100	105	Payette.....	108	85	106	97	102	98	98	94	94		
Henry.....	100	92	67	104	86	100	103	93	Cumberland.....	108	83	92	77	97	94	96	100	Franklin.....	120	100	97	96	92	100	100	97	97		
Iroquois.....	103	91	90	104	81	98	89	100	DeWitt.....	102	80	80	110	101	102	105	95	Gallatin.....	97	85	95	90	85	97	92	92	92		
JoDavies.....	102	97	97	87	95	100	97	100	Douglas.....	102	82	90	110	97	80	94	108	Hamilton.....	97	72	94	97	100	105	90	62	62		
Kane.....	107	94	96	95	96	100	100	96	Edgar.....	122	70	83	95	98	108	103	90	Hardin.....	105	70	110	88	70	100	90	87	87		
Kankakee.....	103	89	97	100	87	100	96	96	Ford.....	108	91	87	103	93	96	94	96	Jackson.....	108	82	97	90	85	85	100	95	95		
Kendall.....	106	87	82	99	92	98	100	92	Fulton.....	101	87	95	95	95	96	98	95	Jasper.....	93	85	100	79	100	100	75	83	83		
Knox.....	107	93	92	104	95	95	111	105	Greene.....	102	92	98	102	100	96	100	100	Jefferson.....	107	84	96	88	90	100	86	98	98		
Lake.....	107	95	90	100	100	100	98	102	Hancock.....	100	93	97	97	110	98	100	100	Johnson.....	105	90	91	100	78	100	92	85	85		
LaSalle.....	108	94	86	85	91	96	93	87	Jersey.....	103	76	83	72	100	75	93	100	Lawrence.....	105	83	94	103	95	100	91	62	62		
Lee.....	99	99	92	99	93	100	99	100	Logan.....	105	92	85	102	101	96	97	100	Madison.....	118	70	100	70	102	97	96	96	96		
Livingston.....	100	100	100	99	88	102	89	105	Macon.....	109	91	102	101	102	100	100	102	Marion.....	130	84	104	90	105	96	100	87	87		
Marshall.....	105	100	87	88	100	105	100	105	Macoupin.....	87	74	88	75	89	81	102	100	Massac.....	97	82	103	97	88	99	95	100	95		
McHenry.....	107	100	100	110	100	100	100	97	Mason.....	95	82	93	87	80	96	100	95	Monroe.....	50	90	100	95	101	100	95	96	96		
Mercer.....	107	98	75	102	74	95	94	92	McDonough.....	102	90	93	100	95	93	110	97	Perry.....	110	83	100	95	101	100	95	96	96		
Ogle.....	98	93	98	100	83	81	95	99	McLean.....	103	90	88	103	103	93	91	96	Pope.....	100	75	97	100	79	100	74	100	107		
Peoria.....	110	83	93	102	81	92	96	102	McNard.....	95	85	95	102	97	100	100	100	Pulaski.....	110	92	83	95	87	100	100	107	107		
Putnam.....	104	92	81	98	100	100	99	100	Montgomery.....	98	88	105	87	90	83	99	93	Randolph.....	125	70	97	97	97	102	89	92	92		
Rock Island.....	102	87	86	100	94	96	101	104	Morgan.....	107	82	95	100	88	100	91	95	Richland.....	97	81	97	93	91	97	86	95	95		
Stark.....	100	94	91	100	95	97	96	100	Montrie.....	105	75	85	100	100	97	100	103	Saline.....	100	90	87	92	80	85	73	88	88		
Stephenson.....	101	93	93	91	97	96	100	91	Piatt.....	101	84	97	97	97	97	98	98	St. Clair.....	167	77	80	86	100	97	94	87	87		
Warren.....	105	101	94	105	99	105	105	100	Pike.....	93	92	97	100	106	98	98	98	Union.....	102	87	90	95	80	97	100	91	91		
Whiteside.....	95	90	82	95	75	100	80	95	Sangamon.....	103	93	84	97	102	97	110	96	Wabash.....	104	74	90	96	87	95	70	91	91		
Will.....	94	100	84	114	87	103	92	101	Schuyler.....	95	87	86	102	90	97	104	103	Washington.....	114	80	98	85	100	100	90	75	75		
Winnebago.....	106	96	97	100	96	100	88	100	Scott.....	105	90	94	97	100	95	91	105	Wayne.....	100	87	94	85	98	100	69	81	81		
Woodford.....	100	83	95	97	98	95	102	97	Shelby.....	116	87	97	97	100	92	97	98	White.....	110	52	92	94	96	90	101	89	89		
Average.....	100	91	90	100	90	98	97	96	Tazewell.....	107	85	98	100	90	97	102	100	Williamson.....	108	82	94	95	87	100	92	77	77		
									Vermilion.....	115	90	100	90	97	105	105	105	Average.....	110	84	96	91	93	96	91	90	90		

*Estimated.

WAGES PAID TO FARM HANDS, SEASON 1888.

CROP REPORT.

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NORTHERN DIVISION.

COUNTIES.	Per day with board	Per day without board.	Per month with board.	Per month without board.	
Boone.....	\$1 05	\$1 35	\$20 20	\$24 50	
Bureau.....	1 00	1 30	19 00	27 10	
Carroll.....	1 00	1 35	17 00	21 65	
Cook.....	95	1 15	18 65	30 00	
DeKalb.....	1 10	1 35	29 00	29 35	
DuPage.....	1 00	1 35	18 00	25 50	
Grundy.....	1 00	1 50	18 00	25 00	
Henderson.....	1 00	1 50	19 00	27 50	
Henry.....	1 00	1 35	19 40	27 00	
Jackson.....	90	1 20	19 00	29 00	
Joaquins.....	90	1 25	19 00	25 00	
JoDavies.....	1 05	1 45	19 50	29 25	
Kane.....	85	1 20	18 40	27 00	
Kankakee.....	95	1 30	18 80	26 50	
Kendall.....	95	1 20	19 85	27 00	
Knox.....	1 00	1 25	21 35	36 00	
Lake.....	95	1 30	19 50	27 00	
LaSalle.....	1 00	1 25	19 00	25 00	
Lee.....	1 00	1 25	18 00	25 00	
Livingston.....	1 00	1 50	20 00	25 00	
Marshall.....	1 00	1 35	19 00	25 75	
McHenry.....	1 00	1 25	19 50	25 00	
Mercer.....	1 00	1 35	20 00	29 00	
Ogle.....	1 00	1 25	20 00	26 00	
Peoria.....	1 00	1 35	19 85	26 25	
Potomac.....	1 00	1 35	19 00	27 00	
Rock Island.....	1 10	1 35	17 50	27 00	
Stark.....	1 00	1 25	18 10	24 40	
Stephenson.....	95	1 25	19 50	27 00	
Warren.....	1 00	1 35	20 00	28 35	
Whiteside.....	1 05	1 35	17 70	25 40	
Will.....	1 05	1 35	19 60	28 15	
Winnebago.....	1 05	1 45	18 65	28 00	
Woodford.....	95	1 25	17 00	25 00	
Average.....	\$0 95	\$1 25	\$18 55	\$26 10	

CENTRAL DIVISION.

COUNTIES.	Per day with board	Per day without board.	Per month with board.	Per month without board.	
Adams.....	\$0 85	\$1 15	\$17 50	\$22 50	
Brown.....	75	1 00	18 00	24 00	
Calhoun.....	74	1 00	15 00	20 00	
Cass.....	85	1 05	18 60	26 00	
Champaign.....	90	1 10	17 70	23 85	
Christian.....	73	1 05	17 75	24 55	
Clark.....	70	95	15 00	22 30	
Coles.....	75	1 00	15 85	22 35	
Cumberland.....	70	1 00	15 00	19 00	
Dewitt.....	1 00	1 25	19 00	24 10	
Douglas.....	1 00	1 25	17 50	23 50	
Edgar.....	75	1 00	17 25	23 50	
Ford.....	1 00	1 35	18 60	26 50	
Fulton.....	90	1 20	16 00	23 15	
Greene.....	85	1 20	18 00	23 30	
Hancock.....	90	1 20	18 00	24 65	
Jersey.....	75	1 10	17 10	23 00	
Logan.....	85	1 20	18 75	25 00	
Macon.....	85	95	18 25	26 00	
Macoupin.....	80	1 10	17 85	24 60	
Mason.....	90	1 15	19 00	27 65	
McDonough.....	90	1 15	19 00	27 65	
McLean.....	95	1 25	18 90	24 25	
Menard.....	90	1 25	18 50	26 00	
Montgomery.....	90	1 05	16 60	23 50	
Morgan.....	75	1 00	18 10	24 60	
Moultrie.....	85	1 10	18 00	24 50	
Pike.....	75	1 25	15 50	23 65	
Platte.....	75	1 00	18 00	25 50	
Sangamon.....	85	1 15	17 50	22 65	
Schuyler.....	90	1 25	15 35	27 00	
Scott.....	75	1 00	18 50	25 00	
Shelby.....	75	1 00	16 50	24 00	
Tazewell.....	85	1 25	17 00	26 00	
Vermilion.....	85	1 10	18 00	25 50	
Average.....	\$0 85	\$1 10	\$17 60	\$24 25	

SOUTHERN DIVISION.

COUNTIES.	Per day with board	Per day without board.	Per month with board.	Per month without board.	
Alexander.....	\$0 60	\$0 95	\$14 35	\$21 35	
Bond.....	70	95	14 00	19 25	
Clay.....	75	75	13 15	18 10	
Clinch.....	70	1 05	14 00	25 50	
Crawford.....	75	30	15 65	20 50	
Edwards.....	65	1 00	15 50	22 40	
Effingham.....	60	85	13 50	21 65	
Fayette.....	65	85	13 65	24 00	
Franklin.....	50	1 00	12 00	14 00	
Galatin.....	60	80	15 00	21 35	
Hamilton.....	55	75	13 00	16 90	
Hardin.....	50	70	13 00	18 00	
Jackson.....	60	85	14 00	19 35	
Jasper.....	60	85	14 65	21 35	
Jefferson.....	55	80	13 80	21 00	
Johnson.....	70	75	13 00	18 00	
Lawrence.....	75	1 00	14 50	19 00	
Madison.....	75	1 00	15 50	21 00	
Marion.....	55	85	12 75	17 60	
Massac.....	65	85	13 00	20 00	
Monroe.....	60	90	13 00	20 00	
Perry.....	50	75	12 35	18 00	
Pope.....	55	75	13 00	20 00	
Pulaski.....	55	85	13 50	25 00	
Randolph.....	75	1 00	15 00	25 00	
Richland.....	55	85	13 40	19 70	
Saline.....	50	60	13 00	16 00	
St. Clair.....	75	1 00	12 00	21 85	
Union.....	60	85	12 75	19 00	
Wabash.....	70	95	15 60	21 80	
Washington.....	60	85	12 30	18 35	
Wayne.....	65	90	14 35	20 00	
White.....	70	90	15 10	19 60	
Williamson.....	55	75	13 40	17 60	
Average.....	\$0 65	\$0 90	\$13 95	\$20 55	

*Estimated.

LIVE STOCK.

Number and Condition.

COUNTIES.	CATTLE.		DAIRY COWS.		HORSES.		MULES.		HOGS.		SHEEP.	
	No. on hand May 1, 1888, compared with May 1, 1887.	Condition May 1, 1888.	No. on hand May 1, 1888, compared with May 1, 1887.	Condition May 1, 1888.	No. on hand May 1, 1888, compared with May 1, 1887.	Condition May 1, 1888.	No. on hand May 1, 1888, compared with May 1, 1887.	Condition May 1, 1888.	No. on hand May 1, 1888, compared with May 1, 1887.	Condition May 1, 1888.	No. on hand May 1, 1888, compared with May 1, 1887.	Condition May 1, 1888.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams.....	90	85	100	100	95	100	92	90	75	95	95	100
Alexander.....	102	83	97	83	110	92	101	100	95	85	102	106
Bond.....	79	72	92	84	94	91	98	90	81	81	91	92
Boone.....	88	84	96	85	99	97	100	95	89	90	85	92
Brown.....	100	90	100	90	110	98	100	100	60	100	80	90
Bureau.....	85	79	92	81	94	85	98	87	80	86	94	90
Carroll.....	97	70	90	85	100	90	75	72	92	65	100	97
Cass.....	86	91	92	94	100	100	100	100	86	99	80	100
Cass.....	95	90	96	93	100	99	94	100	86	97	97	97
Champaign.....	94	87	90	82	97	91	98	97	80	95	97	94
Christian.....	88	84	94	84	99	89	89	92	76	89	93	95
Clark.....	87	67	94	75	95	82	97	90	71	77	85	82
Clay.....	86	81	97	88	97	91	86	90	57	84	52	83
Clinton.....	87	82	102	90	97	80	95	82	52	75	90	82
Coles.....	82	82	90	72	102	93	97	96	59	82	83	87
Cook.....	94	90	97	94	101	97	98	100	89	95	97	97
Crawford.....	84	78	95	73	96	82	87	86	66	76	81	88
Cumberland.....	77	72	86	79	94	79	98	83	62	70	82	77
DeKalb.....	88	85	96	85	99	93	100	91	75	90	90	91
DeWitt.....	89	75	100	83	96	92	100	90	85	90	97	96
Douglas.....	94	82	80	90	97	90	102	90	100	105	100	95
DuPage.....	85	90	92	92	97	97	100	100	80	97	57	100
Edgar.....	91	89	87	80	101	94	97	96	77	91	85	92
Edwards.....	95	92	95	90	102	95	95	95	75	85	72	95
Efingham.....	90	69	84	69	100	92	100	92	79	66	70	86
Fayette.....	72	60	90	86	88	85	88	87	68	80	88	92
Ford.....	98	83	95	82	101	97	100	97	86	97	100	97
Franklin.....	75	75	85	95	80	95	75	95	80	85	75	95
Fulton.....	97	83	100	83	98	95	87	97	88	91	92	95
Gallatin.....	102	93	102	95	100	100	98	100	90	93	87	100
Greene.....	88	86	100	94	98	90	97	95	84	88	103	97
Grundy.....	100	90	100	90	100	100	.....	.....	90	100	.....	.....
Hamilton.....	90	82	94	82	99	80	97	86	71	88	74	95
Hancock.....	90	92	90	70	98	100	100	100	86	97	91	100
Hardin.....	100	85	97	85	100	92	100	92	82	80	75	100
Henderson.....	87	85	87	87	95	92	95	90	82	92	97	95
Henry.....	89	85	96	86	96	91	100	97	77	96	89	94
Iroquois.....	96	90	97	91	100	99	97	99	88	95	96	96
Jackson.....	100	75	100	85	102	85	100	93	90	85	88	92
Jasper.....	88	75	87	72	92	83	93	83	62	67	82	85
Jefferson.....	79	87	90	93	95	89	90	89	63	72	74	92
Jersey.....	96	77	102	79	100	91	100	92	86	85	95	86
JoDavies.....	80	85	95	90	97	97	100	100	80	95	100	100
Johnson.....	100	77	80	70	102	87	100	90	100	77	102	82
Kane.....	84	86	85	90	94	91	97	92	82	85	80	95
Kankakee.....	99	86	100	82	100	92	97	100	81	96	87	105
Kendall.....	85	78	91	79	94	97	100	96	81	94	79	92
Knox.....	87	83	98	84	102	95	97	98	90	89	91	96
Lake.....	87	85	95	93	98	92	100	97	78	93	72	92
LaSalle.....	90	90	97	92	96	97	100	100	79	97	90	98
Lawrence.....	100	90	.....	.....	100	97	100	90	85	85	92	97

LIVE STOCK--Continued.

Number and Condition.

COUNTIES.	CATTLE.		DAIRY COWS.		HORSES.		MULES.		HOGS.		SHEEP.	
	No. on hand May 1, 1888, compared with May 1, 1887.	Condition May 1, 1888.	No. on hand May 1, 1888, compared with May 1, 1887.	Condition May 1, 1888.	No. on hand May 1, 1888, compared with May 1, 1887.	Condition May 1, 1888.	No. on hand May 1, 1888, compared with May 1, 1887.	Condition May 1, 1888.	No. on hand May 1, 1888, compared with May 1, 1887.	Condition May 1, 1888.	No. on hand May 1, 1888, compared with May 1, 1887.	Condition May 1, 1888.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Lee.....	97	82	100	85	100	100	100	100	90	95	87	87
Livingston.....	90	75	90	85	90	100	80	100	90	100	100	90
Logan.....	96	70	100	85	102	92	97	92	84	100	100	100
Macon.....	95	87	95	90	99	94	97	95	75	95	94	97
Macoupin.....	87	75	92	78	98	86	76	92	68	88	82	88
Madison.....	100	85	100	87	100	90	100	90	77	83	90	87
Marion.....	92	86	88	90	84	80	79	81	54	82	84	96
Marshall.....	80	70	97	80	96	85	92	80	70	80	95	97
Mason.....	87	90	100	85	103	100	100	100	78	90	.....	.....
Massac.....	85	75	77	62	97	82	85	70	72	50	35	100
McDonough.....	87	93	92	90	100	97	97	97	80	100	97	100
McHenry.....	82	90	97	92	97	95	100	100	96	90	90	100
McLean.....	88	81	99	90	100	93	99	96	84	90	85	86
Menard.....	90	81	92	82	100	94	91	97	59	97	94	96
Mercer.....	62	68	90	85	88	97	90	95	75	85	92	100
Monroe.....	.....	.....	.....	.....	100	100	100	95	74	50	.....	.....
Montgomery.....	94	86	102	88	102	93	99	97	75	90	85	97
Morgan.....	70	84	97	82	99	87	97	92	73	95	107	87
Moultrie.....	98	90	100	97	98	100	93	97	93	100	83	98
Ogle.....	83	82	93	85	97	98	100	100	80	88	100	92
Peoria.....	97	82	100	85	100	97	100	95	77	92	83	93
Perry.....	97	95	107	97	100	100	62	100	92	95	93	100
Piatt.....	77	92	83	90	99	97	97	100	76	91	92	95
Pike.....	104	85	105	90	97	92	100	87	94	95	91	94
Pope.....	95	75	.....	.....	97	30	100	95	65	70	90	80
Pulaski.....	98	95	99	97	100	99	100	100	95	92	102	97
Putnam.....	97	83	100	71	100	95	102	97	93	95	97	91
Randolph.....	102	100	102	100	100	100	80	100	70	100	75	100
Richland.....	89	86	103	85	98	92	92	93	76	85	85	92
Rock Island.....	90	81	99	88	98	98	97	98	80	95	70	100
Saline.....	100	75	100	75	95	90	90	99	100	60	50	90
Sangamon.....	65	90	92	90	105	97	102	97	82	90	82	97
Schuyler.....	90	85	92	92	100	90	97	93	82	89	87	92
Scott.....	62	75	90	62	100	97	100	100	87	85	95	87
Shelby.....	89	76	92	77	89	87	93	94	76	78	82	89
Stark.....	95	87	80	90	100	90	100	99	76	99	99	98
St. Clair.....	105	75	103	77	100	83	100	92	80	75	100	87
Stephenson.....	79	88	84	86	101	97	98	99	75	96	92	100
Tazewell.....	105	82	100	87	100	92	100	100	95	97	95	100
Union.....	90	90	105	97	105	97	95	97	95	85	95	92
Vermilion.....	87	80	.....	85	100	88	100	88	87	83	103	100
Wabash.....	92	87	92	92	101	88	97	97	84	90	80	96
Warren.....	91	90	93	92	102	100	99	99	92	101	90	98
Washington.....	104	90	104	90	67	95	94	95	76	88	86	90
Wayne.....	67	86	98	90	98	94	97	94	70	82	96	96
White.....	83	76	102	90	97	90	90	93	86	72	97	96
Whiteside.....	92	98	93	98	90	100	100	100	75	93	75	100
Will.....	78	72	80	72	96	84	97	95	71	76	88	100
Williamson.....	87	86	85	86	94	87	84	89	69	95	99	90
Winnebago.....	74	82	101	88	92	92	82	85	59	89	72	93
Woodford.....	93	80	96	84	97	96	97	95	83	100	95	99

GRAIN PROSPECTS.

Acreage, Condition, etc.

COUNTIES.	WINTER WHEAT.		WINTER RYE.		SPRING WHEAT.		OATS.		BARLEY.		MEADOWS.		PASTURES.	
	Acreage winter-killed, destroyed by flood or Hessian fly.		Acreage winter-killed, destroyed by flood or Hessian fly.		Acreage compared with 1887.		Acreage compared with 1887.		Acreage compared with 1887.		Acreage compared with 1887.		Acreage compared with 1887.	
	Condition May 1, 1888.		Condition May 1, 1888.		Condition May 1, 1888.		Condition May 1, 1888.		Condition May 1, 1888.		Condition May 1, 1888.		Condition May 1, 1888.	
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams.....	50	65	.....	80	.....	.....	100	80	.....	.....	90	75	95	77
Alexander....	14	79	1	95	.....	.....	119	90	.....	.....	102	93	87	85
Bond.....	84	70	30	80	.....	.....	115	92	.....	.....	85	76	101	87
Boone.....	.....	90	15	85	102	95	100	94	94	94	98	81	98	82
Brown.....	40	70	20	80	.....	.....	100	98	.....	.....	100	80	100	70
Bureau.....	50	62	10	86	107	90	103	91	103	97	83	66	87	66
Calhoun.....	10	50	.....	.....	.....	.....	105	80	.....	.....	97	62	100	67
Carroll.....	50	80	17	90	83	92	102	89	.....	.....	96	71	97	66
Cass.....	10	72	.....	70	.....	.....	103	92	.....	.....	92	76	93	71
Champaign....	59	58	33	81	51	100	99	79	.....	.....	83	70	86	68
Christian.....	62	44	39	75	85	60	108	73	.....	.....	95	62	98	59
Clark.....	57	38	41	55	.....	.....	107	89	.....	.....	85	68	92	66
Clay.....	42	56	10	87	.....	.....	101	84	.....	.....	65	54	85	59
Clinton.....	80	25	40	60	.....	.....	115	87	.....	.....	90	50	85	77
Coles.....	76	25	10	75	.....	.....	108	90	.....	.....	78	67	84	62
Cook.....	.....	50	5	93	103	93	100	97	100	100	94	87	100	84
Crawford.....	45	54	10	60	.....	.....	103	90	.....	.....	87	75	90	75
Cumberland....	68	34	24	70	.....	.....	106	83	.....	.....	79	52	68	55
DeKalb.....	35	80	17	92	101	100	102	102	90	100	88	86	94	82
DeWitt.....	40	65	95	80	87	67	102	80	.....	.....	96	80	99	54
Douglas.....	56	57	10	75	.....	.....	190	82	.....	.....	87	77	94	82
DuPage.....	85	90	47	87	100	97	102	102	90	100	90	70	97	75
Edgar.....	70	55	20	80	.....	.....	122	70	.....	.....	94	84	99	80
Edwards.....	42	82	.....	.....	.....	.....	107	67	.....	.....	95	60	97	55
Effingham....	57	45	30	70	.....	.....	104	86	.....	.....	76	66	86	64
Fayette.....	80	18	87	30	.....	.....	108	85	.....	.....	88	77	97	73
Ford.....	30	87	25	92	.....	.....	108	91	.....	.....	95	80	96	81
Franklin.....	95	100	.....	.....	.....	.....	120	100	.....	.....	120	75	110	50
Fulton.....	25	63	13	90	.....	.....	101	87	.....	.....	85	64	91	63
Gallatin.....	7	92	.....	100	.....	.....	97	85	.....	.....	100	98	100	75
Greene.....	32	55	12	90	100	100	102	92	100	90	90	80	92	75
Grundy.....	.....	.....	.....	.....	.....	.....	182	100	.....	.....	95	90	100	90
Hamilton.....	36	72	55	78	.....	.....	87	73	.....	.....	96	81	91	69
Hancock.....	27	71	15	85	.....	.....	100	93	.....	.....	90	74	99	79
Hardin.....	.....	80	.....	100	.....	.....	196	70	.....	.....	.....	95	75	67
Henderson....	50	75	35	82	87	80	107	92	.....	.....	100	75	100	75
Henry.....	10	100	10	98	104	94	100	92	98	93	92	76	99	83
Iroquois.....	39	72	30	88	97	90	103	91	.....	.....	93	76	96	73
Jackson.....	33	73	10	90	.....	.....	108	82	.....	.....	87	59	90	66
Jasper.....	50	50	43	60	.....	.....	93	85	.....	.....	88	72	90	75
Jefferson....	25	46	10	65	.....	.....	107	84	.....	.....	97	78	102	78
Jersey.....	35	54	.....	.....	.....	.....	105	76	.....	.....	84	65	85	65
JoDaviss.....	.....	92	.....	100	75	100	102	97	180	100	95	95	95	85
Johnson.....	10	70	5	100	.....	.....	105	90	.....	.....	87	57	87	61
Kane.....	32	75	13	95	100	92	107	94	65	95	80	70	102	71
Kankakee....	41	80	17	85	150	92	103	89	100	80	97	81	100	79
Kendall.....	75	62	10	84	112	89	106	87	.....	.....	86	70	79	63
Knox.....	20	80	20	91	107	92	107	93	.....	.....	82	79	96	80
Lake.....	53	72	7	92	107	97	107	95	100	100	92	95	92	75
LaSalle.....	27	66	8	84	82	95	108	94	.....	.....	85	72	85	69
Lawrence....	10	95	.....	.....	.....	.....	90	82	.....	.....	87	80	97	82

GRAIN PROSPECTS—Continued.

Acreage, Condition, etc.

COUNTIES.	WINTER WHEAT.		WINTER RYE.		SPRING WHEAT.		OATS.		BARLEY.		MEADOWS.		PASTURES.	
	Acreage winter-killed, destroyed by floods or Hessian fly	Condition May 1, 1888.	Acreage winter-killed, destroyed by floods or Hessian fly	Condition May 1, 1888.	Acreage compared with 1887.	Condition May 1, 1888.	Acreage compared with 1887.	Condition May 1, 1888.	Acreage compared with 1887.	Condition May 1, 1888.	Acreage compared with 1887.	Condition May 1, 1888.	Acreage compared with 1887.	Condition May 1, 1888.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Lee.....	19	100	100	120	97	99	99	100	100	97	97	100	97	97
Livingston.....	25	75	10	90	90	80	100	100	100	97	100	95	100	100
Logan.....	49	64	100	90	90	80	100	100	100	94	60	95	61	61
Macon.....	55	56	90	100	100	100	109	91	100	92	71	100	64	64
Macoupin.....	47	55	10	85	87	74	88	71	92	71	92	70	70	70
Madison.....	15	55	20	30	118	70	75	85	103	75	85	103	80	80
Marion.....	24	77	90	90	130	84	94	55	77	56	77	56	56	56
Marshall.....	20	97	7	100	70	95	105	100	85	70	95	75	75	75
Mason.....	27	60	10	85	95	82	95	82	93	67	87	63	63	63
Massac.....	40	75	20	75	97	82	97	82	62	75	55	62	62	62
McDonough.....	13	82	7	90	87	87	102	90	90	83	97	83	83	83
McHenry.....	5	90	2	100	100	100	107	100	85	100	85	82	100	85
McLean.....	29	78	7	90	100	95	103	98	85	71	92	71	92	71
Menard.....	13	66	5	92	90	95	95	85	84	59	97	66	66	66
Mercer.....	10	77	98	100	100	72	107	78	100	57	100	57	57	57
Monroe.....	50	75	70	90	90	90	50	90	70	100	100	90	90	90
Montgomery.....	64	40	33	77	98	88	98	88	96	80	97	83	83	83
Morgan.....	27	81	20	90	89	82	107	82	89	72	79	72	72	72
Moultrie.....	68	47	103	100	95	95	105	75	90	65	97	65	65	65
Ogle.....	67	75	10	85	100	80	98	93	90	77	98	77	77	77
Peoria.....	10	77	10	85	100	80	110	83	100	60	103	57	57	57
Perry.....	26	80	50	90	90	110	110	83	100	67	100	67	67	67
Platt.....	42	62	15	92	90	84	101	84	92	74	87	72	72	72
Pike.....	24	68	91	91	93	92	93	92	87	84	89	78	78	78
Pope.....	5	75	80	80	100	75	100	75	80	81	90	80	80	80
Pulaski.....	101	101	100	100	110	92	110	92	100	97	101	97	97	97
Putnam.....	35	77	11	96	95	97	104	92	91	74	99	75	75	75
Randolph.....	30	50	100	100	125	70	100	90	60	50	110	60	60	60
Richland.....	35	69	11	95	97	81	97	81	94	69	97	77	77	77
Rock Island.....	17	83	10	92	97	88	102	87	105	85	96	81	94	80
Saline.....	15	65	100	100	100	90	100	90	95	80	80	70	70	70
Sangamon.....	23	72	100	100	103	93	103	93	87	62	90	62	62	62
Schuyler.....	20	50	5	90	90	87	95	87	90	82	92	80	80	80
Scott.....	30	67	95	95	105	90	105	90	87	67	72	70	70	70
Shelby.....	81	27	37	70	116	87	116	87	77	79	97	80	80	80
Stark.....	20	86	15	93	83	85	100	94	97	95	100	87	102	87
St. Clair.....	80	50	100	100	167	77	167	77	92	85	100	85	85	85
Stephenson.....	16	85	5	90	86	86	101	93	96	92	85	89	97	89
Tazewell.....	20	80	80	80	107	85	107	85	85	72	10	70	70	70
Union.....	10	95	100	100	102	87	102	87	100	100	100	100	100	100
Vermilion.....	67	42	10	92	115	90	115	90	90	72	100	80	80	80
Wabash.....	12	83	94	98	98	105	104	74	103	83	102	79	79	79
Warren.....	13	82	5	94	98	98	105	101	104	86	103	85	85	85
Washington.....	37	39	28	76	114	80	114	80	74	63	104	77	77	77
Wayne.....	42	55	50	47	100	87	100	87	92	71	100	75	75	75
White.....	13	64	5	82	110	52	110	52	91	64	80	61	61	61
Whiteside.....	25	75	17	90	100	97	95	90	92	65	100	65	65	65
Will.....	20	87	13	99	95	102	94	100	74	69	77	70	70	70
Williamson.....	19	74	8	90	87	87	108	82	72	71	78	72	72	72
Winnebago.....	25	75	23	79	89	87	106	96	85	68	93	67	67	67
Woodford.....	30	72	10	92	93	83	100	83	86	60	90	57	57	57

CORN ON HAND.

COUNTIES.	Bushels produced 1887.	Per cent. 1887 crop in producers' hands May 1, 1887.	Bushels in Producers' Hands, May 1.					
			1888	1887	1886	1885	1884	1883
Adams.....	2,024,100	15	303,615	224,262	1,016,523	452,519	337,543	356,474
Alexander.....	177,240	24	42,228	28,358	101,717	30,540	35,328	36,954
Bond.....	73,486	3	2,204	201,496	151,220	152,010	107,856	252,593
Boone.....	610,480	7	42,734	61,136	163,728	170,644	89,221	206,361
Brown.....	766,125	30	229,837	90,641	351,337	206,430	401,206	152,518
Bureau.....	2,486,430	30	745,929	1,764,061	1,282,333	936,264	1,060,812	1,004,858
Calhoun.....	333,948	25	83,487	44,182	210,642	131,200	324,780	125,269
Carroll.....	1,833,836	15	275,073	343,788	598,415	625,447	160,660	552,451
Cass.....	1,560,042	18	280,807	260,280	469,633	294,815	214,700	418,631
Champaign.....	4,456,000	17	757,510	1,947,924	2,405,792	1,480,072	1,956,588	1,114,126
Christian.....	2,437,226	13	316,839	368,772	1,016,013	495,783	212,051	282,709
Clark.....	279,965	7	19,587	318,520	307,443	174,720	404,454	240,514
Clay.....	119,224	10	11,922	122,470	84,039	27,514	73,421	315,659
Clinton.....	184,622	10	18,461	63,121	230,082	300,037	426,462	.....
Coles.....	987,887	14	138,304	582,930	358,984	137,182	290,705	426,736
Cook.....	1,258,038	15	188,706	117,880	256,844	269,738	68,522	402,084
Crawford.....	286,596	22	63,051	196,729	268,523	186,521	325,786	241,627
Cumberland.....	145,920	9	13,133	281,172	181,667	155,864	235,669	130,645
DeKalb.....	2,268,200	17	385,594	642,234	966,004	913,190	335,703	458,968
DeWitt.....	1,807,368	17	307,152	362,683	493,361	478,878	594,090	490,265
Douglas.....	1,161,230	14	162,572	750,646	794,560	478,825	410,425	623,493
DuPage.....	556,940	10	55,594	81,943	269,141	226,968	.....	68,776
Edgar.....	1,703,355	18	306,604	545,708	717,292	734,208	89,701	277,625
Edwards.....	83,526	2	1,670	31,054	39,077	.....	140,328	230,987
Effingham.....	248,670	3	7,460	213,389	335,712	169,540	94,724	396,778
Fayette.....	209,400	.....	.....	131,357	279,564	71,518	50,315	343,168
Ford.....	1,791,880	24	407,051	1,031,996	584,819	572,410	201,407	963,402
Franklin.....	204,348	25	51,087	107,645	69,109	19,178	18,830	221,014
Fulton.....	2,224,104	11	244,651	470,881	941,280	780,403	575,931	437,833
Gallatin.....	383,945	12	46,073	453,168	262,905	136,800	192,000	317,726
Greene.....	1,155,520	23	265,770	691,656	780,505	536,319	793,000	1,138,726
Grundy.....	1,406,828	20	281,366	724,551	650,705	680,763	251,599	487,377
Hamilton.....	253,759	6	15,225	150,886	225,612	150,909	77,194	924,445
Hancock.....	2,259,448	10	225,945	340,347	534,397	797,704	257,197	91,882
Hardin.....	290,310	20	58,062	.....	48,233	35,598	36,855	66,742
Henderson.....	1,243,472	25	310,868	433,835	525,997	475,479	355,880	413,951
Henry.....	2,328,614	12	279,434	367,409	749,023	1,227,761	372,310	913,581
Iroquois.....	4,945,782	19	939,698	1,424,899	1,136,850	2,262,902	1,179,628	968,398
Jackson.....	592,500	8	47,400	109,514	.....	105,602	118,249	226,320
Jasper.....	214,750	5	10,737	157,556	186,183	59,764	256,276	270,609
Jefferson.....	282,894	33	93,356	20,637	263,034	35,992	185,351	194,625
Jersey.....	852,236	14	119,313	215,113	309,690	275,384	454,384	293,752
Jo Daviess.....	1,012,240	12	121,469	60,011	339,772	247,253	140,179	324,595
Johnson.....	333,125	4	13,325	85,054	120,342	133,518	194,731	147,046
Kane.....	1,213,710	15	182,056	329,414	274,834	401,171	246,298	204,967
Kankakee.....	1,548,785	22	340,733	870,346	891,110	664,277	418,650	610,664
Kendall.....	790,258	23	181,759	480,571	458,346	517,359	273,901	741,467
Knox.....	2,630,432	12	315,652	467,721	656,831	774,620	263,712	511,491
Lake.....	245,450	5	12,272	142,091	210,717	123,816	44,214	83,441
LaSalle.....	4,117,760	24	988,262	1,639,643	1,679,115	1,495,579	1,504,698	1,930,442
Lawrence.....	498,832	20	99,766	276,396	141,475	180,979	123,144	209,067
Lee.....	2,310,930	35	808,825	762,058	339,780	1,219,270	672,701	1,367,444

CORN ON HAND—Continued.

COUNTIES.	Bushels produced 1887.	Per cent. 1887 crop in producers' hands May 1, 1887.	Bushels in Producers' Hands, May 1.					
			1888	1887	1886	1885	1884	1883
Livingston.....	4,024,121	25	1,006,030	1,560,180	1,965,933	1,344,131	549,583	1,048,261
Logan.....	2,032,095	21	426,740	1,409,118	1,762,435	1,094,895	1,112,069	854,843
Macon.....	2,330,620	31	722,492	838,266	1,289,132	990,924	1,058,728	454,700
Macoupin.....	1,918,400	17	326,128	356,492	1,053,552	831,976	467,840	456,421
Madison.....	987,804	30	296,341	395,744	1,103,853	663,558	449,074	588,612
Marion.....	295,224	15	44,284	133,397	58,780	112,401	18,086	231,974
Marshall.....	1,791,300	40	716,520	546,278	648,720	768,000	620,000	578,491
Mason.....	994,128	11	109,354	334,955	.....	200,905	228,404	78,615
Massac.....	388,989	10	38,899	78,449	82,158	110,934	54,402	105,764
M'Donough.....	420,098	10	42,010	108,825	.....	768,820	442,071	130,626
McHenry.....	918,352	1	9,183	291,368	556,983	661,588	113,152	420,807
McLean.....	5,086,197	23	1,169,825	1,878,707	2,234,522	2,409,904	2,297,361	1,887,087
Menard.....	1,618,050	12	194,166	448,832	572,096	206,349	354,145	437,711
Mercer.....	1,609,608	13	209,249	317,586	562,564	523,254	333,144	487,885
Monroe.....	175,130	10	17,513	84,357	191,051	90,490	116,953	103,900
Montgomery.....	871,578	13	113,495	479,376	1,007,432	371,567	540,044	534,039
Morgan.....	2,723,110	12	326,773	734,223	1,190,815	871,481	645,921	526,664
Moultrie.....	685,776	16	109,724	282,963	469,397	254,671	426,711	261,240
Ogle.....	2,253,058	37	833,631	615,180	1,139,924	1,426,836	342,335	929,522
Peoria.....	1,731,075	8	138,486	454,626	748,384	475,058	196,737	488,045
Perry.....	55,748	5	2,787	3,767	75,970	29,312	31,036	56,504
Piatt.....	1,746,074	24	244,450	973,783	724,185	309,601	1,660,179	328,532
Pike.....	2,201,100	17	374,187	636,361	751,986	650,070	422,938	586,459
Pope.....	377,849	10	37,784	167,096	119,322	184,621	135,352	154,324
Pulaski.....	256,116	15	38,417	99,719	131,610	52,285	20,533	109,133
Putnam.....	470,516	15	70,577	315,527	354,169	392,978	383,355	289,821
Randolph.....	498,731	.....	.....	21,584	72,883	114,781	93,843	189,695
Rand. Island.....	186,088	7	13,026	39,600	35,911	68,808	56,479	140,930
Rock Island.....	1,411,111	17	239,879	157,194	364,897	437,110	133,961	147,217
Saline.....	552,942	5	27,647	59,132	128,296	77,785	96,596	156,058
Sangamon.....	3,191,760	10	319,176	480,069	1,511,442	1,197,240	1,328,183	529,640
Schuyler.....	1,035,578	12	124,269	339,909	106,235	214,304	282,777	101,710
Scott.....	379,736	20	75,947	127,138	304,613	179,970	123,754	167,257
Shelby.....	1,197,975	9	107,818	533,750	741,899	279,638	208,421	325,245
Stark.....	1,363,102	14	190,834	566,853	485,200	459,153	287,155	427,737
St. Clair.....	499,672	.....	.....	89,822	676,315	448,043	384,530	429,304
Stephenson.....	1,333,097	14	186,633	331,918	626,816	925,543	211,740	637,639
Tazewell.....	2,047,773	40	819,109	963,808	755,418	736,475	587,350	891,414
Union.....	157,456	20	31,491	227,666	186,512	102,960	85,682	189,568
Vermilion.....	3,053,341	17	519,051	1,023,554	1,408,993	961,637	977,873	645,309
Wabash.....	321,521	14	45,013	59,520	96,093	94,660	85,303	122,874
Warren.....	2,093,880	16	335,021	407,841	1,316,336	988,590	440,584	439,826
Washington.....	203,400	17	34,578	19,390	267,582	48,637	817,690	.....
Wayne.....	122,622	10	12,262	80,011	120,987	28,257	266,213	597,454
White.....	428,263	9	38,544	128,007	331,733	104,659	208,549	173,457
Whiteside.....	2,580,417	10	258,042	545,005	797,768	710,368	446,589	669,544
Will.....	1,713,000	19	325,470	897,026	700,366	1,292,166	1,291,752	1,216,454
Williamson.....	323,596	3	9,708	129,069	137,400	61,854	88,098	88,116
Winnebago.....	1,392,804	25	348,201	257,124	489,363	534,616	124,436	596,544
Woodford.....	2,492,725	27	673,036	686,919	729,344	948,761	639,456	417,309
Total.....	129,537,603	18	23,573,279	44,247,096	57,107,027	50,102,262	39,478,621	43,450,857

WHEAT ON HAND.

COUNTIES.	Bushels produced 1887.	Per cent. 1887 crop in producers' hands May 1, 1888.	Bushels in Producers' Hands, May 1.					
			1888.	1887.	1886.	1885.	1884.	1883.
Adams	1,761,887	27	475,709	277,991	25,799	300,840	212,498	264,399
Alexander	132,448	4	5,298	11,589	2,528	23,787	30,519	18,255
Bond	277,321	10	27,737	44,831	2,414	48,891	8,536	105,024
Boone	29,323	5	1,466	307	4,570	3,411	4,993	.....
Brown	759,807	30	227,942	48,276	26,154	96,462	133,816	135,750
Bureau	195,769	10	19,577	17,327	13,627	15,447	5,400	13,020
Calhoun	364,400	.....	.....	47,505	7,811	51,657	30,553	26,412
Carroll	108,188	5	5,409	4,096	13,347	32,209	6,503	.....
Cass	502,944	11	55,324	71,471	18,489	57,877	33,366	49,772
Champaign	375,506	9	33,795	33,442	33,656	.....	28,277	82,161
Christian	1,146,939	8	91,755	43,078	6,002	64,961	30,944	119,449
Clark	289,140	17	49,154	42,025	10,411	38,603	21,074	137,734
Clay	39,135	5	1,657	16,759	9,460	17,237	26,414	98,960
Clinton	948,810	10	94,881	29,645	607	54,834	4,988	.....
Coles	249,300	12	29,916	44,735	1,380	31,579	12,244	74,518
Cook	30,518	.....	.....	1,395	.....	.....	3,644	2,140
Crawford	249,400	17	42,398	70,998	22,355	48,270	25,550	146,983
Cumberland	206,193	14	28,867	41,228	.....	89,077	26,311	25,813
DeKalb	86,790	25	21,697	1,192	5,501	3,402	.....	.....
DeWitt	227,735	30	68,350	2,662	3,365	25,510	11,130	36,570
Douglas	174,138	25	43,534	16,169	3,163	39,294	8,294	61,327
DuPage	38,265	.....	.....	.....	2,040	1,101	.....	.....
Edgar	794,259	15	119,139	83,982	3,020	83,288	10,289	152,234
Edwards	116,288	6	6,977	13,430	5,978	99,132	58,019	46,073
Effingham	259,668	18	46,740	26,317	9,767	65,812	43,512	155,823
Fayette	398,400	15	59,760	25,730	56,073	45,354	17,943	170,511
Ford	3,436	.....	.....	14,497	.....	.....	.....	.....
Franklin	61,795	25	15,449	27,103	3,569	7,785	10,059	86,256
Fulton	1,108,012	27	299,163	242,190	59,858	165,875	220,386	144,093
Gallatin	219,829	7	15,388	57,020	45,490	86,100	19,421	37,538
Greene	1,286,061	18	231,653	10,420	5,110	155,083	127,706	285,870
Grundy	17,870	.....	.....	79	.....	886	416	.....
Hamilton	39,153	12	4,698	21,919	6,848	34,671	11,251	117,864
Hancock	863,652	14	120,925	56,448	22,412	94,810	103,976	69,836
Hardin	98,376	20	19,675	10,929	4,639	3,969	6,745	29,205
Henderson	173,496	20	34,699	41,640	10,402	15,136	14,663	13,184
Henry	143,934	20	28,787	2,746	8,945	.....	.....	.....
Iroquois	69,922	13	9,090	10,659	12,044	12,573	7,786	19,166
Jackson	496,992	12	59,639	157,126	.....	142,218	66,199	131,246
Jasper	147,246	13	19,142	11,603	1,361	15,251	13,056	84,204
Jefferson	68,636	6	4,118	7,569	20,029	51,570	33,674	143,363
Jersey	970,640	10	97,064	6,086	3,420	136,357	45,057	104,331
JoDavies	67,492	.....	.....	3,522	11,489	24,592	14,307	7,978
Johnson	159,660	6	10,180	23,602	2,435	47,117	47,311	74,435
Kane	14,793	20	1,479	927	1,566	3,172	921	1,930
Kankakee	25,718	18	4,629	5,943	1,570	8,799	2,774	8,115
Kendall	4,076	.....	.....	1,089	591	.....	.....	1,598
Knox	134,847	22	29,666	11,360	5,943	.....	10,887	.....
Lake	68,670	27	18,541	1,416	10,103	12,055	6,843	5,151
LaSalle	146,836	10	14,684	12,521	18,399	17,280	12,706	77,789
Lawrence	257,490	3	7,125	75,075	16,945	56,592	18,437	96,997
Lee	89,556	.....	.....	701	4,921	38,190	36,204	13,479

WHEAT ON HAND—Continued.

COUNTIES.	Bushels produced 1887.	Per cent. 1887 crop in producers' hands May 1, 1888.	Bushels in Producers' Hands, May 1.					
			1888.	1887.	1886.	1885.	1884.	1883.
Livingston	49,185	15	7,378	3,706	1,105	2,329	1,052	3,921
Logan	736,994	20	147,399	107,697	29,984	64,756	17,133	112,900
Macon	416,577	25	184,143	27,009	2,519	81,472	17,259	127,616
Macoupin	1,623,405	12	194,809	96,955	2,173	283,932	154,797	126,641
Madison	1,575,056	7	110,254	16,828	5,008	282,540	80,362	242,171
Marion	139,071	15	20,861	34,574	13,830	70,138	.....	255,152
Marshall	50,667	40	20,267	5,692	.....	.....	3,325	1,773
Mason	621,222	17	105,608	84,423	8,541	27,914	29,310	72,757
Massac	287,789	15	43,168	42,889	20,191	72,968	10,039	45,522
McDonough	120,998	10	12,100	9,116	8,396	58,154	23,846	45,900
McHenry	106,756	10	10,676	.....	.....	20,869	14,651	13,702
McLean	132,402	12	15,888	16,459	8,738	23,777	23,551	41,931
Menard	601,680	8	48,134	109,872	32,521	117,536	14,536	86,374
Mercer	43,308	5	2,165	3,007	3,195	777	6,244	3,461
Monroe	744,552	5	37,228	91,721	24,482	256,014	122,153	358,382
Montgomery	948,874	11	104,376	117,276	2,596	142,552	39,228	224,194
Morgan	904,860	10	90,486	69,020	9,520	68,460	41,836	81,832
Moultrie	122,265	12	14,671	14,414	4,613	22,814	38,464	25,191
Ogle	86,990	21	18,268	8,820	13,577	32,296	7,763	11,243
Peoria	189,187	37	66,669	37,938	6,944	27,710	32,548	16,282
Perry	160,661	2	3,213	14,403	9,545	48,510	15,708	53,475
Piatt	99,992	10	9,999	9,297	5,747	22,409	34,716	30,131
Pike	2,007,292	10	200,729	115,962	10,189	330,001	131,570	293,364
Pope	109,531	20	21,866	31,101	5,126	43,400	11,882	52,173
Pulaski	167,742	13	21,806	23,804	8,531	24,002	7,386	47,695
Putnam	38,718	15	5,808	2,608	3,582	3,456	7,717	4,341
Randolph	746,604	15	111,991	83,599	70,344	207,797	83,492	434,340
Richland	226,246	8	18,100	15,900	3,667	27,895	23,347	85,870
Rock Island	52,499	10	5,250	1,153	10,987	3,010	.....	3,247
Saline	149,845	5	7,492	15,429	7,579	25,883	22,088	102,835
Sangamon	1,123,230	10	112,323	59,102	24,499	188,866	32,294	112,691
Schuyler	949,058	13	123,377	160,882	32,215	125,577	48,679	81,031
Scott	300,864	17	51,147	27,261	789	39,343	10,919	40,433
Shelby	738,807	10	73,881	71,088	17,804	158,474	47,923	57,757
Stark	32,626	26	8,483	412	2,859	384	.....	341
St. Clair	1,810,380	.....	.....	71,084	11,847	332,091	40,832	269,256
Stephenson	112,261	20	22,452	10,784	22,427	40,474	29,367	39,367
Tazewell	647,778	15	97,187	188,504	6,756	101,508	98,478	124,291
Union	464,000	14	64,960	56,603	37,657	90,638	63,224	92,268
Vermilion	598,167	15	89,725	24,115	10,281	26,713	15,857	166,055
Wabash	256,190	10	25,619	22,094	17,456	35,878	17,745	47,240
Warren	51,488	26	13,387	1,983	2,824	4,423	3,065	5,029
Washington	905,952	7	63,417	138,459	73,542	168,567	91,616	451,457
Wayne	150,861	10	15,080	8,795	5,287	40,930	13,964	150,480
White	263,261	6	15,796	43,034	58,754	35,428	30,643	56,583
Whiteside	123,180	10	12,318	1,280	8,170	13,059	8,877	8,488
Will	38,331	35	13,416	6,010	2,369	3,117	.....	17,472
Williamson	149,747	6	8,985	45,223	5,573	28,664	10,210	58,198
Winnebago	46,404	22	10,209	5,639	8,461	27,895	3,645	11,497
Woodford	150,284	19	28,554	12,929	3,605	13,100	6,705	22,620
Total or average.	38,676,486	13	5,034,875	4,000,931	1,200,904	6,350,202	3,208,368	8,174,634

MONTHLY WEATHER REVIEW

—OF THE—

ILLINOIS STATE WEATHER SERVICE,

—FOR—

APRIL, 1888.

—CONTAINING—

SUMMARY OF METEOROLOGICAL OBSERVATIONS

—MADE TO THE—

Illinois State Board of Agriculture.

CHARLE F. MILLS.

Secretary State Board of Agriculture.

JAS. CASSIDY,

Observer, Signal Corps.

SPRINGFIELD:
STATE JOURNAL PRINT.
1888. 2

MONTHLY WEATHER REVIEW

OF THE

ILLINOIS STATE WEATHER SERVICE

SPRINGFIELD, APRIL, 1888.

(The State covers such an extended area from north to south (385 miles) that it has been found advisable to divide the same and follow the judicial divisions, which include the following territory, viz: the Northern Division extends from $42^{\circ} 30'$ to about $40^{\circ} 31'$; the Central Division extends from about $40^{\circ} 31'$ to about 39° ; the Southern Division from about 39° to $36^{\circ} 51'$.)

INTRODUCTORY.

The month just passed was remarkable in some respects. Barometric changes were very numerous but not extreme, and no severe storm passed over the State. Changes in temperature were also numerous, and there has been a great deficiency in precipitation.

On the 1st the barometer was very low, but rising slowly, and continued rising until the 4th, after which it fell very rapidly on the 5th, and rose again as rapidly on the 6th. The "Low" of the 5th brought with it threatening weather, and was accompanied by some light local thunder showers in the Central Division; very little precipitation, however, occurred.

From the 6th to the 23d there was a rapid succession of "Highs" and "Lows," but none of extreme character, and none presenting very noticeable features. The

"Low" of the 9th and 10th brought considerable rain in all parts of the State, and the "High" of the 11th and 12th brought the coldest weather of the month.

From the 23d to the 28th the pressure was above the average, but decreased considerably on the 29th and 30th. The mean for the month was above the average. The highest point reached was on the 12th, and the lowest on the 1st.

Although to many the past April appeared colder than the average, a summing up of all the reports received show that this was not so, but instead that it was slightly warmer than the average. The mean temperature for the State was $52^{\circ}.9$, which is $0^{\circ}.7$ above the average of the past ten years. The mean of the Northern Division was $47^{\circ}.8$, which was $0^{\circ}.3$ above the average of the past ten years; the mean of the Central Division was $53^{\circ}.1$, which was $0^{\circ}.7$ above the average of the past ten years, while that of the Southern Division, $57^{\circ}.7$, was $1^{\circ}.0$ above the average of the past ten years. The reason why the month was considered colder was that there was an unusual daily range of temperature, so that, while the monthly range was not extreme, and while the monthly mean was slightly above the average, yet the daily changes were much greater than usual and therefore the weather seemed colder and more unpleasant than it would had the mean lower and the daily changes not so great.

The deficiency of temperature that has prevailed in the Upper Mississippi Valley since the beginning of the year still continues, but has decreased somewhat in the Southern portion, while it has increased in the Northern portion. According to the Chief Signal Officer's Bulletin, issued April 28th, and covering a period of 119 days, it has increased at LaCross, Wis., from 861 degrees, on the 31st of March, to 910 on date of issue; while at Cairo, during the same period, it has decreased from 266 to 171 degrees. The greatest deficiency in the United States occurs in Minnesota and Wisconsin and around Lake Michigan. The largest deficiency anywhere reported is at St. Paul, Minn.—940 degrees.

The rainfall in the State has been far below the average, so that the month just passed has been the driest April on record in the State. Only two general rains occurred during the month—on the 9th and 10th, and on the 29th and 30th. In fact less rain fell in this State during April than in any other State East of the Rocky Mountains, and as a consequence winter wheat has been considerably damaged, and farming operations have been generally retarded.

The average rainfall for the month was only 1.83 inches, which was 1.94 inches below the average of the past ten years. The driest April previous to this was in 1879, when the average rainfall was 2.18 inches, which was over half an inch greater than the rainfall of the April just passed. The greatest deficiency, as compared with the average, was in the Southern Division, where the rainfall was below the average.

The rainfall of March brought the precipitation of the present year in this State nearly up to the average, but April has converted this condition of things into a

large deficiency. According to the Chief Signal Officer's Bulletin, the deficiency at Chicago is now 3 inches, at Springfield 3.41 inches, and at Cairo 3.45 inches. The general result is that farming operations have been delayed, winter crops injured, and vegetation unusually retarded all through the State.

ATMOSPHERIC PRESSURE.

(Inches and thousandths.)

The mean pressure for the month as deduced from the reports of 19 stations, where the barometer readings are reduced to sea level, was 30.110, which is above the average of past years. The highest was 30.747, at Pekin, and the lowest 29.475, at Lake Forest.

TEMPERATURE.

(Degrees, Fahrenheit.)

The average temperature for April, 52°.9, was 0°.7 above the average of the past ten years. The mean of the Northern Division, 47°.8, was 0°.3 above the mean, of the Central Division, 53°.3, was 0°.7 above; and the mean of the Southern Division, 57°.7, was 1°.0 above the average of the last ten years.

The following are the most marked departures from the normal temperature for April:

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	Deg.	County.	Place.	Deg.
Alexander.....	Cairo	2.9	Shelby.....	Windsor	3.6
Crawford.....	Palestine.....	2.6	DeKalb.....	Sycamore.....	2.3
Lawrence.....	Sumner.....	2.5	Stephenson.....	Cedarville.....	1.7
Madison.....	Collinsville.....	2.4	Iroquois.....	Watseka.....	1.7
St. Clair.....	St. Louis.....	2.4			
Green.....	White Hall.....	2.3			
Hamilton.....	McLeansboro.....	2.1			

MAXIMUM AND MINIMUM TEMPERATURE.

Table of maximum, minimum and mean temperatures for April.

TEMPERATURE.	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Average.
Maximum.....	83	90	86	87	90	90	89	87	92	95	89	88.9
Minimum.....	30	12	20	9	18	23	24	19	7	12	24	18.0
Mean.....	57.0	50.7	52.7	46.4	53.5	51.3	50.4	51.7	54.7	53.3	52.9	52.2

PRECIPITATION.

(Inches and hundredths.)

The following table shows the average precipitation for the State and its principal divisions during the past eleven Aprils. The average for the State, 1.83 inches, is 1.49 inches below the average of the preceding ten years, and is the lowest recorded during that time.

TERRITORY.	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Average.
Northern Division...	2.72	2.13	4.29	1.81	4.55	3.26	2.64	3.59	2.71	1.13	1.77	2.78
Central Division....	3.63	1.99	4.28	1.89	4.14	4.66	2.23	4.98	2.42	2.69	1.91	3.17
Southern Division...	5.20	2.41	3.22	4.11	2.84	4.59	3.57	4.87	4.04	3.97	1.82	3.69
The State.....	3.85	2.18	3.93	2.60	3.84	4.17	2.81	4.48	3.06	2.60	1.83	3.21

The following are the most marked departures from the normal precipitation for April:

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	Inches.	County.	Place.	Inches.
Only one station reported above the normal, and in that the excess was only 0.03.			Greene.....	White Hall ...	3.39
			Lawrence.	Sumner.....	4.12
			Bond.....	Greenville.....	3.00
			Pike.....	Griggsville.....	2.76
			Hamilton.	McLeansboro.....	2.70
			Wayne.....	Fairfield.....	2.65
			Sangamon.....	Springfield.....	2.11
			Clay.....	Flora.....	2.07

MEAN RELATIVE HUMIDITY.

NORTHERN DIVISION.		CENTRAL DIVISION.		SOUTHERN DIVISION.	
Station.	Per cent.	Station.	Per cent.	Station.	Per cent.
Lake Forest.....	66.2	Pekin.....	79.9	Richview.....	67.1
Chicago.....	62.4	Keokuk, Iowa.....	59.2	Cairo.....	51.7
Aurora.....	77.0	Springfield.....	56.2	St. Louis.....	53.0
Prairieville.....	73.3	Windsor.....	68.4		
Peoria.....	57.0	Jacksonville.....	69.0		
Watseka.....	70.0				
Monmouth.....					
Davenport, Ia.....	60.5				
Mean.....	66.6	Mean.....	66.5	Mean.....	57.3

The mean relative humidity for State, 63.5 per cent.

WIND.

DIRECTION OF WIND.

TERRITORY.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
Northern Division.....	4	5	3	7	2	1	2	7
Central Division.....	3	1	0	8	2	0	1	9
Southern Division.....	3	3	1	6	6	0	0	3
The State.....	10	9	4	21	10	1	3	19

The following is the wind data for April, as reported from stations having self-registering anemometers:

STATIONS.	WIND—Miles.		
	Total movement.	Av. hourly velocity.	Maximum hourly velocity—direction and date.
Chicago.....	19,112	12.7	37—S. W. on the 13th.
Prairieville.....	57,424	10.3	39—S. W. on the 13th.
Davenport, Ia.....	6,867	9.5	48—S. W. on the 13th.
Watseka.....	7,619	10.7	28—S. W. on the 5th.
Keokuk, Ia.....	7,450	10.3	34—S. E. on thh 4th & S. W. on the 15th
Springfield.....	6,721	9.3	36—S. E. on the 9th & W. on the 17th.
Jacksonville.....	7,369	10.2	36—N. W. on the 5th.
Windsor.....	7,236	10.1	36—S. E. on the 8th.
St. Louis, Mo.....	9,370	13.0	44—S. on the 5th.
Cairo.....	7,571	10.7	36—N. W. & S. W. on the 5th, 12th, 19th and 22d.

NOTE: The average hourly velocity is obtained by dividing the total movement by 24 times the number of days in the month.

THUNDERSTORMS.

Kankakee, on the 15th; White Hall, on the 5th; Aurora, on the 5th and 15th; Collinsville, on the 9th; Jordan's Grove, on the 5th and 9th; Camargo, on the 5th; Hoopeston, on the 5th, Cedarville, on the 15th; Winnebago, on the 5th and 15th; Gibson City, on the 5th; Sycamore, on the 5th and 15th; Irishtown, on the 5th, 10th and 17th; Lanark, on the 5th. Mt. Morris, on the 15th; Richview, on the 5th, 9th, 22d and 29th; Belvidere, on the 15th; Wheeling, on the 1st and 27th; Watseka, on the 5th and 17th; Albion, on the 5th; Lake Forest, on the 5th, 14th and 15th; Golconda, on the 5th and 22d; Oswego, on the 15th; Griggsville, on the 9th; Windsor, on the 5th, 9th and 17th; Jacksonville, on the 5th; Paris, on the 1st and 5th; Riley, on the 5th and 15th; Centralia, on the 5th and 9th; New Athens, on the 9th; Vandalia, on the 9th.

OPTICAL PHENOMENA.

SOLAR HALOS.

Jordan's Grove, on the 8th, 11th and 12th; Earlville, on the 2d and 14th; Winnebago, on the 3d and 4th; Lacon, on the 6th; Pekin, on the 1st, 2d and 6th, Lanark, on the 1st, 3d, 4th, 5th, 11th, 12th, 15th, 16th, 18th and 25th, Mt. Morris, on the 28th; Warren, on the 7th; Watseka, on the 15th; Polo, on the 1st, 4th and 13th; Fairfield, on the 2d, 3d and 12th; Jacksonville, on the 1st, 2d, 5th, 8th and 16th; Riley, on the 1st, 4th, 8th, 15th, 18th and 20th.

LUNAR HALOS.

Earlville, on the 17th, 18th, 19th and 23d; Winnebago, on the 17th and 20th; Gibson City, on the 18th; Sycamore, on the 21st; Pekin, on the 16th, 18th and 21st; Lanark, on the 20th; Mt. Morris, on the 17th, 20th and 21st; Wheeling, on the 20th and 21st; Warren, on the 21st; Watseka, on the 18th; Lake Forest, on the 17th and 18th; Polo, on the 1st; Jacksonville, on the 16th and 18th; Riley, on the 17th, 20th and 25th.

AURORA.

Hoopeston, on the 2d; Earlville, on the 2d; Cedarville, on the 2d; Sycamore, on the 11th; Pekin, on the 17th; Lanark, on the 5th and 11th; Belvidere, on the 2d and 11th; Wheeling on the 2d and 11th; Warren, on the 2d; Lake Forest, on the 11th; Polo, on the 2d and 11th.

POLAR BANDS.

Pekin on the 15th, and Riley, on the 9th, 13th and 21st.

MIRAGE.

Beason, on the 5th.

MISCELLANEOUS PHENOMENA.

HAIL.

Philo, on the 1st; Jordan's Grove, on the 5th; Camargo, on the 5th; Cedarville, on the 15th; Gibson City, on the 5th; Sycamore, on the 5th, 8th and 25th; Pekin, on the 3d; Belvidere, on the 15th; Wheeling, on the 7th and 15th; Warren, on the 14th; Lake Forest, on the 15th; Golconda, on the 22d; Oswego, on the 15th; Griggsville, on the 9th; Windsor, on the 5th; Benton, on the 22d.

FLIGHT OF BIRDS, &c.

Baltimore Oriole, Scarlet Tanager and Rose-breasted Grossbeak arrived at Gibson City on the 28th; Butterflies first appeared at Pekin on the 18th, and Geese were observed flying north on the 19th; Swallows arrived at Oswego on the 24th and Martins on the 26th.

METEORS.

A bright meteor observed at Pekin on the evening of the 5th.

FROST.

Frosts were reported from some part of the State, mostly from the Northern Division, on the 1st, 2d, 3d, 4th, 6th, 7th, 8th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st and 24th.

SUNSPOTS, APRIL, 1888.

RECORDED BY JOHN W. JAMES, VOL. OBSERVER, RILEY.

April 3d, observed a group of four small spots two days east of sun's meridian, soon disappeared; on the 23d, one spot estimated 12,000 miles in diameter, nearly two days from east edge; another one a little east of this next day, both disappeared by the 26th.

Sawerthal's comet (discovered in Southern Hemisphere February 18th, and then fast moving north) was visible to the naked eye April 4th to 14th; in the glass it appeared like a star of 7th magnitude, with a tail 1° to $1\frac{1}{2}^{\circ}$ long. Seen in the morning only, in the constellation of Pegasus.

THE following Weekly Weather Crop-Bulletins have been issued by this office during April, 1888; being a summary of the weekly reports made to the Secretary of the State Board of Agriculture, by the Observers of the Illinois Weather Service and Crop Reporters, in connection with the U. S. Signal Service.

DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, ILL., April 7, 1888.

WEATHER.

Temperature.—The mean temperature during the past week has been above the average of the corresponding weeks of previous years. There was a slight frost in some of the northern counties on the 6th inst., but no injury to vegetation is reported.

Precipitation.—The rainfall during the past week was much below the average of the first week of previous Aprils in nearly every portion of the State. Local showers on the 5th inst. in some of the central and southern counties were much needed, and have improved the condition of grass, etc. The showers of the previous week have sustained and increased the vigor of early vegetation.

Sunshine.—In all portions of the State there has been an unusually large per centage of sunshine during the past week, which, with the high temperature, has rapidly advanced vegetation.

The development of buds, flowers and the growth of grass during the week is unusual, and there is marked contrast in the appearance of nature as compared to March 31, 1888.

CONDITION OF CROPS.

Wheat.—The wheat plant has been favored during the past week with a high temperature and more than a seasonable per cent. of sunshine, which has improved the condition of wheat not seriously damaged, and confirmed the impression that a considerable portion of the wheat area concerning which hopes were previously entertained is in much worse condition than heretofore reported. A slight improvement in the condition of wheat is reported in the counties of Pulaski, Union, Pope, Jackson, Randolph, Wayne, Edwards, Macoupin, Douglas and Iroquois. The prospects for wheat are reported as not as good as last week in the counties of Marshal, Fulton, Champaign, Shelby, Effingham and Bond. More wheat will be plowed up and the land seeded to spring crops than indicated in previous reports.

Oats.—The conditions have been favorable for sowing of oats, and a large area has been seeded during the past week in the central and southern counties. Another week of favorable weather and spring wheat and oats seeding will be completed.

Spring Wheat.—This crop, excepting in a few northern counties, is quite generally seeded. The spring wheat area is comparatively small.

Rye.—There has been but little improvement in the condition of rye during the past week, and the prospects are favorable for three-fourths of an average yield per acre in the majority of the counties from which reports have been received.

Meadows and Pastures.—The condition of grass lands is much better than last week. The pastures that were so badly "burnt" during the drouth of 1887 are, however, much below a seasonable average condition. The effects of the drouth of last year on meadows and pastures have not been over-estimated, and an unusually large amount of grass seed has been sown this season.

Fruit.—There has been some improvement in the prospects for fruit since the last weekly report, in the counties of Fulton, Champaign, Shelby, Macoupin, Edwards and Union. The recent inspection of the fruit buds indicate less favorable prospects than reported last week in the counties of Douglas, Clinton and Jackson.

DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, ILL., April 14, 1888.

WEATHER.

Temperature.—The mean temperature during the past week has been slightly below a seasonable average. The temperature on the night of April 12 was below the freezing point in the Northern Division of the State, and hoar frost was observed on the same date in some of the southern counties. The mean day temperature during the past week was up to the average.

Rainfall.—About an average weekly rainfall is reported for the period ending April 14. In the Northern Division the precipitation was slightly below, but in the Central and Southern Divisions the rainfall was above the average of the corresponding week in previous years.

Sunshine.—The per centage of sunshine has been above the average during the past week, as compared with the corresponding week of previous years, and notwithstanding the exceptionally low temperature on April 12th, vegetation has made considerable growth.

CONDITION OF CROPS.

Winter Wheat.—The condition as compared to that reported April 7th, is as follows: No changes as reported by forty-four per cent. of the correspondents, a slight improvement by twenty-five per cent. of the observers, and less favorable prospects than heretofore are noted in thirty-one per cent. of the reports. There is a decrease in the prospective condition of wheat in the majority of central counties, from which reports have been received. In the southeastern portion of the State an improvement is noted in a number of counties. The present condition of winter wheat in the majority of the central counties from which reports have been received, indicate (April 14,) that there will be less than three-fourths of an average yield per acre. The most discouraging reports concerning the condition of winter wheat come from the following counties, on some of which there will not be one-fourth of an average yield per acre, viz: Shelby, Effingham, Clark, Fayette, Bond, Clinton, Madison, Wayne, Hamilton, Williamson and Union.

A very considerable portion of the winter wheat area has been plowed up and the land seeded to oats, and more will be plowed up and planted with corn.

The most favorable reports concerning the condition of wheat come from the following counties, where the prospects are favorable for three-fourths of an average or better yield per acre, viz: McLean, Fulton, Logan, Cass, Sangamon, McDonough, Crawford, Clay, Richland, Lawrence, St. Clair, Edwards, White, Randolph and Saline.

Oats.—The conditions have been quite favorable for seeding and except in some localities in the northern part of the State this crop has been seeded.

Rye.—There has been little if any improvement in the condition of this crop since the last weekly report.

Forty per cent. of the reports indicate no change, twenty per cent. show a slight improvement and in the remaining forty per cent. the prospects are not as favorable as on April 7th. The condition of rye in all portions of the State is better than that of winter wheat.

Meadows and Pastures.—There has been a slight improvement in the condition of grass during the past week in the majority of the counties of the State. In the following counties the prospects are more encouraging for meadows than heretofore reported, viz: Iroquois, Bond, Effingham and Wayne.

Discouraging reports concerning meadows and pastures continue to come from the counties of Woodford, Logan, Douglas, Shelby, Bond, Clay, St. Clair, White and Pope.

Corn.—Considerable land has been plowed for corn during the past week, and in some of the southern counties a few fields have been planted. With favorable conditions there will be a large area planted to corn during the coming week.

Fruit.—The reports concerning the prospects for fruit are about the same as last week. Nearly half the reports received indicate that the condition of the fruit buds is less favorable than heretofore mentioned, while the remaining reports show a slight improvement in the fruit prospects.

At best there will be a limited fruit crop. The most favorable outlook for fruit is reported in the following counties, viz: Massac, Pope, Saline, St. Clair, Marion, Clay, Richland, Lawrence, Fayette, Ford, Hardin, Wayne, Hamilton, Randolph, Effingham and Crawford.

Live Stock.—Farm animals are generally healthy and the condition is about the same as reported last week.

DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, ILL., April 21, 1888.

WEATHER.

The temperature during the past week has been below a seasonable average, which, with the absence of much needed rain, has not been favorable for a normal growth of vegetation. The cold, dry weather the past week has not improved the conditions of a season nearly three weeks late.

On the 19th and 20th there were heavy frosts in all portions of the State.

Precipitation.—The rainfall during the past week has been much below the average of corresponding weeks in previous years. About one inch of snow fell in the Northern Division of the State on the 19th, and some light local showers are reported in the central and southern counties. With these exceptions there was no precipitation during the week. In a large majority of the counties the Observers report no rain during the week.

Sunshine.—The per centage of sunshine during the week is above a seasonable weekly average. There has been but little growth of vegetation, however, owing to the low temperature and lack of moisture.

CONDITION OF CROPS.

Winter Wheat.—The condition of wheat is not as good as at date of last report (April 14). Thirty-four per cent. of the reports show that the prospects are less favorable than heretofore. Six per cent. of the Observers report a slight improvement in the condition, and in the remaining reports there has been no change worthy of note during the week.

Oats.—This crop has generally been seeded, but owing to the cold, dry season has but little growth.

Corn.—Some corn has been planted in the southern counties, and active preparations are being made for planting in the central and northern counties. The ground is generally hard and dry, and will not be favorable for plowing or planting until there is more rain.

Meadows and Pastures.—Thirty-two per cent. of the reports indicate that the condition of meadows and pastures in the northern tier of counties of the Southern Division of the State than elsewhere.

Live Stock.—There has been no improvement in the condition of live stock during the past month, and no complaints have been reported of disease.

DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, ILL., April 28, 1888.

WEATHER.

Temperature.—The temperature of the last week has been much below the average of the corresponding week in previous years, notwithstanding the warm, seasonable weather of the past two days, which has been favorable for vegetation.

There was considerable frost on the 23d, 24th and 25th, and in not a few instances ice formed.

Precipitation.—The rainfall during the past week has been much below a seasonable average. No rain is reported in the majority of the counties during the past week, and in the few counties visited by local showers, the amount was not sufficient to be of much benefit to vegetation. This month thus far has been the driest April on record.

Sunshine.—The percentage of sunshine during the past week has been above a seasonable average and has added to the unfavorable conditions resulting from a cold, dry season.

CONDITION OF CROPS.

Winter Wheat.—The continued dry and cold weather during the past week has reduced the prospects for wheat in all portions of the State, and the reports indicate that much more of the wheat will be plowed up than heretofore expected.

Rye.—The prospects for this crop are less favorable than last week and unless there is sufficient rain and warm weather, this crop will be one of the poorest on record.

Corn planting is progressing very slowly, the general complaint being drouth and low temperature.

Oats are making but little growth, the stand is fair and with sufficient rain and warm weather this crop will soon demonstrate the probability of a harvest.

Meadows and Pastures.—There has been no improvement in the condition of grass during the past week. Pastures have made but little growth and there is general complaint of want of rain to insure growth.

The prospects for grass and grain crops have not been so discouraging at corresponding date for many years past.

REMARKS.

METEOROLOGICAL OBSERVERS.

MONTH OF APRIL, 1888.

ALEXANDER COUNTY—C. L. BOZZELL, Observer, Signal Corps, Cairo. Highest barometer, 30.440, on the 12th; lowest, 29.670, on the 1st; mean, 30.135; range, 0.770. Highest temperature, 82°.5, on the 17th; lowest, 40°.0, on the 20th; range, 42°.5; greatest daily range 28.1, on the 3rd; least, 9°.7, on the 6th; mean daily range, 18°.8; mean maximum temperature, 71°.3; mean minimum, 52°.5. The mean temperature of the month, 61°.4, was 2°.9 above the normal for the past 16 years. The precipitation, 3.08 inches, was 1.06 inch below the normal for the past 16 years, falling on eight days, viz: 5th, 6th, 9th, 10th, 22nd, 23rd, 29th and 30. Mean relative humidity, 51.8 per cent. Prevailing direction of the wind, N; total movement, 7671 miles; maximum velocity, 36 miles from the N.W. on the 5th. There were 13 clear, 12 fair and 5 cloudy days. Lunar halo on the 22nd. Frost on the 7th and 13th.

BOONE COUNTY—E. L. LAWRENCE, Observer, Belvedere. Highest temperature, 83°, on the 28th; lowest, 32°, on the 6th and 24th; range, 51°.2. The mean temperature of the month, 45°.6. The precipitation, 2.31 inches, falling on six days, viz: 5th, 9th, 15th, 19th, 29th and 30th. Prevailing direction of the wind, S.E. There were 12 clear, 12 fair and 6 cloudy days. Total snowfall, 2.5 inch, of which none remained on the ground at the end of the month. Thunderstorm on the 15th. Hail on the 15th. Aurora on the evening of the 2nd; was elevated about ten degrees and extended about thirty degrees along the horizon—very bright. Again on the 11th was but slightly elevated but extended a long distance to E. & W.

BOND COUNTY—M. S. OUDYN, Ph. G., Observer, Greenville. Highest temperature, 87°, on the 22d; lowest, 29°, on the 20th; range, 58°; greatest daily range, 38°, on the 22d; least daily, 14°, on the 30th; mean daily range, 26°.9; mean maximum temperature, 69°.9; mean minimum, 42°.7. The mean temperature of the month, 55°.9, was 0°.1 below the normal for the past nine years. The pre-

cipitation, 2.28 inches, was 3.0 inches below the normal for the past five years, falling on three days, viz: 9th, 29th and 30th. Prevailing direction of the wind, S.E. There were 18 clear, 4 fair and 8 cloudy days. Lunar halo on the 18th. Thunderstorm on the 9th.

CARROLL COUNTY—CHAS. H. BEELER, Observer, Lanark. Highest temperature, 81°, on the 27th; lowest, 28°, on the 12th; range, 52°; greatest daily range, 32°, on the 13th; least daily, 5°, on the 30th. The mean temperature of the month was 50°. The precipitation was 1.52 inches, falling on seven days, viz: 5th, 8th, 9th, 19th, 22d, 29th and 30th. Prevailing direction of the wind, N.W. There were 11 clear, 9 fair and 10 cloudy days. Total snowfall, 1 inch, of which none remained on the ground at the end of the month. Solar halos on the 1st, 3d, 4th, 5th, 11th, 12th, 15th, 16th, 18th and 25th. Lunar halo on the 20th. Thunderstorm on the 5th about 2:30 a.m.. Auroras on the 5th and 11th. Owing to the dry weather farm work is well advanced, but meadows and pastures are late.

CALHOUN COUNTY—DR. S. SOUTHWORTH, Observer, Kampville. Highest temperature, 84°, on the 27th; lowest, 33°, on the 6th; range, 51°. The mean temperature of the month was 58°.5. The precipitation was 0.90 of an inch, falling on three days, viz: 9th, 10th and 29th. Prevailing direction of the wind, N.E. There were 10 clear, 11 fair and 9 cloudy days. Distant thunder on the 22d. Frost on the 3d, 6th, 7th, 20th and 30th.

CHAMPAIGN COUNTY—HUBERT BURR, Observer, Philo. Highest barometer, 30.35, on the 6th; lowest, 29.80, on the 5th; mean, 30.12; range, 0.55. Highest temperature, 82°, on the 28th; lowest, 26°, on the 20th; range, 56°; greatest daily range, 32°, on the 11th; least daily, 8°, on the 19th; mean daily range, 18°.4; mean maximum temperature, 62°; mean minimum, 43°.6. The mean temperature of the month, 52°.2, was 0°.5 below

the normal for the past three years. The precipitation, 2.62 inches, was 0.22 of an inch below the normal for the past three years, falling on five days, viz: 1st, 5th, 9th, 29th and 30th. Prevailing direction of the wind, S. E.; maximum velocity, 30 miles from the N., on the 17th. There were 19 clear, 6 fair and 5 cloudy days. Solar halo on the 2d. Hail fell on the 1st at 7:30 p. m., hail stones size of hazel nut. Ice formed on the 3d, 8th, 12th, 20th and 24th. Rainbow on the 5th.

CHRISTIAN COUNTY—J. K. EBERLE, Observer, Pana. Highest temperature, 76°, on the 28th; lowest, 30°, on the 12th and 20th; range, 46°; greatest daily range, 30°, on the 17th; least, 8°, on the 10th; mean daily range, 16°.4; mean maximum temperature, 58°.8; mean minimum, 42°.4. The mean temperature of the month, 48°.5. The precipitation, 3.50 inches, falling on three days, viz: 9th, 29th and 30th. Prevailing direction of the wind, N. W. & S. E. There were 19 clear, 4 fair and 7 cloudy days. Very cold dry month, every vegetation behind. Trees of all kinds in full bloom.

CLARK COUNTY—J. B. SHEAPLEY, Observer, Martinsville. Highest barometer, 29.65, on the 24th; lowest, 28.97, on the 1st; mean 29.351; range, .78. Highest temperature, 82°, on the 29th; lowest, 30°, on the 13th; range, 52°; greatest daily range, 46°, on the 13th; least, 6°, on the 2d. The mean temperature of the month was 55°.7. The precipitation was 2.75 inches, falling on three days, viz: 7th, 8th and 30th. Prevailing direction of the wind, N. & N. W.; maximum velocity, 10 miles from the N. W., on the 12th. There were 22 clear, 1 fair and 7 cloudy days. Some severe frosts, but no fruit has been hurt. The best prospect for fruit for the past ten years. Blackberries are all that have suffered, and I attribute that to their not perfecting their growth last fall, owing to the drouth.

CLAY COUNTY—L. A. MICHELS, Observer, Flora. Highest temperature, 89°, on the 5th; lowest, 31°, on the 21st; range, 58°; greatest daily range, 36°, on the 27th; least, 9°, on the 16th; mean daily range, 21°; mean maximum temperature, 66°; mean minimum, 45°. The mean temperature of the month, 54°, was 1°.6 above the normal for the past three Aprils. The precipitation, 1.62 inches, was 2.07 inches below the normal for the 3 Aprils, falling on 4 days, viz: 5th, 9th, 22nd, and 30th. Prevailing direction of the wind, S. There were 19 clear, 6 fair and 5 cloudy days. Thunderstorm on the 5th. Frost on 7th, 11th, 13th, 20th and 24th.

CLINTON COUNTY—WM. ROGAN, Observer, Irishtown. Highest temperature, 86°, on the 23d; lowest, 37°, on the 12th and 20th; range, 49°; greatest daily range, 32°, on the 22d; least daily, 5°, on the 30th; mean daily, 18°.6. The mean temperature of the month, 58°.0, was 1°.1 above the normal for the past two years. The precipitation, 1.77 inches, was 1.25 inches below the normal for the past three years, falling on three days, viz: 9th, 10th and 30th. There were 25 clear and five cloudy days. Thunderstorm on the 5th at 4:45 p. m., stiff breeze from N. W.; thunder on the 10th and night of 17th at 6 p. m.; thunder on the 22d. The temperature fell 10° from 6:30 to 7:30 a. m. on the 30th; the wind changing to N. W. Prevailing direction of the wind for month, S.

COLES COUNTY—WM. DOZIER, Observer, Mattoon. Highest temperature, 81°.0, on the 27th; lowest, 26°.0, on the 20th; range, 55°.0. The mean temperature of the month, 50°.0, was 0.9 below the normal for the past eight years. The precipitation, 2.15 inches, was 1.73 inches below the normal for the past eight years, falling on six days, viz: 5th, 9th, 17th, 21st, 22d, 30th. Prevailing direction of the wind, N. There were 15 clear, 12 fair and 3 cloudy days. Thunderstorms on the 5th and 17th. Frost on the 3d, 7th, 12th, 13th, 14th, 20th and 23d.

COOK COUNTY—H. C. FRANKFIELD, Observer, Signal Corps, Chicago. Highest barometer, 30.540, on the 12th; lowest, 29.580, on the 1st; mean, 30.150; range, 0.960. Highest temperature, 83°, on the 28th; lowest, 30°, on the 3d and 7th; range, 53°; greatest daily range, 35°.5, on the 29th; least daily, 5°.7, on the 24th; mean daily range, 18°.6; mean maximum temperature, 55°.7; mean minimum, 37°.1. The mean temperature of the month, 45°.4, was 0° 6 below the normal for the past sixteen years. The precipitation 2.13 inches, was 1.18 inches below the normal for the past sixteen years, falling on nine days, viz: 5th, 8th, 9th, 10th, 15th, 19th, 21st, 22d and 30th. Mean relative humidity, 62.4 per cent. Prevailing direction of the wind, N. E.; total movement, 9,112 miles; maximum velocity, 37 miles from the S. W., on the 13th. There were 12 clear, 13 fair and 5 cloudy days. Frost on the 1st, 2d, 6th, 11th, 12th, 20th, 23d, 24th and 25th.

CRAWFORD COUNTY—J. E. TEMPLETON, Observer, Palestine. Highest temperature, 80°.6, on the 28th; lowest, 32°.7, on the 23d; range, 47°.9; mean minimum temperature, 43°.9. The mean temperature of the month, 56°.9, was 2°.6 below the normal for the past six years. The precipitation, 2.08 inches, was 1.66 inches below the normal for the past six years, falling on six days, viz: 5th, 9th, 10th, 22d, 29th and 30th. There were 21 clear, 2 fair and 7 cloudy days. Thunderstorms on the 5th, 10th and 22d. Hail on the 5th. Frost on the 7th, 11th, 13th, 20th, 21st and 23d. The season is very backward, vegetation has made but little growth owing to the low temperature and deficient rainfall. Fruit uninjured by frost. Apples, pears, peaches and plumbs promise a full crop. Blackberries winter killed. Wheat and oats promise 75 per cent. Meadows and pastures promise 80 per cent. But little corn planted. Live stock healthy but thin.

DEKALB COUNTY—ROSWELL DOW, Observer, Sycamore. Highest temperature, 80°, on the 28th; lowest, 30°, on the 4th; range, 50°; greatest daily range, 28°, on the 5th; least daily, 2°, on the 30th. The mean temperature of the month, 44°.3, was 2°.3 below the normal (46°.6) for the past seven years. The precipitation, 2.05 inches, was 1.68 inches less than the normal (3.73 inches) for the past seven years, falling on seven days, viz: 5th, 9th, 15th, 19th, 23d, 29th and 30th. Prevailing direction of the wind, S. E. and N. W.; maximum velocity, 20 miles. There were 9 clear, 14 fair and 7 cloudy days. Total snowfall, 2 inches, of which none remained on the ground at the end of the month. Lunar halo on the 21st. Thunderstorms on the 5th and 15th. Hail on the 5th, 8th and 15th. Aurora on the 11th. Highest daily mean temperature, 67°.7, on the 28th. Lowest, 34°.2, on the 2d. Frost on the 1st to

4th, 6th to 8th, 12th, 13th, 18th to 20th and 23d to 25th. Wind was N. 3, N.E. 11, E. 4, S.E. 29, S. 2, S.W. 12, W. 4 and N.W. 25 times.

DOUGLAS COUNTY—MISS MARY ILES, Observer, Camargo. Highest temperature, 89°, on the 28th; lowest, 30°, on the 24th. Prevailing direction of the wind, N.W. There were 7 clear, 16 fair and 7 cloudy days. Thunderstorm on the 5th, and some hail fell. The month has been very dry, only a few light showers. Grass short. The peach, apple, cherry and pear trees are in full bloom on last day of month.

DUPAGE COUNTY—R. I. MORGAN, Observer, Wheaton. Highest temperature, 82°, on the 28th; lowest, 28°, on the 7th; range, 54°. The mean temperature of the month, 44°.8.

EDGAR COUNTY—WILBUR T. COOK, Observer, Paris. Highest temperature, 80°, on the 28th; lowest, 30°, on the 20th; range, 50°. The mean temperature of the month, 50°.2. The precipitation, 2.52 inches, falling on six days, viz: 1st, 5th, 9th, 10th, 21st and 30. Prevailing direction of the wind, N.W. There were 12 clear, 10 fair and 8 cloudy days. Thunderstorms on the 1st and 5th.

EDWARDS COUNTY—B. F. MICHELS, Observer, Albion. Highest temperature, 85°, on the 28th and 29th; lowest, 32°, on the 13th; range, 53°; greatest daily range, 38°, on the 25th; least daily, 10°, on the 10th; mean daily range, 21°.16. The mean temperature of the month was 56°.10. The precipitation was 2.213 inches, falling on four days, viz: 5th, 9th, 29th and 30th. Prevailing direction of the wind, S.; maximum velocity, 3 from the S. & W., on the 5th. There were 21 clear, 3 fair and 6 cloudy days. Thunderstorm on the 5th. Very high wind with cyclonic tendency at 5 p.m. on the 22d, considerable damage done to fences, trees, stacks, etc., a few miles northeast of here.

FAYETTE COUNTY—JOS. URBANI, Observer, Vandalia. Highest barometer, 30.34 on the 12th; lowest, 29.28, on the 9th; mean, 30.050; range, .66. Highest temperature, 81°, on the 28th; lowest, 22° on the 13th; range, 49°; greatest daily range, 31°, on the 15th; least, 5°, on the 30th; mean daily range, 20°.6; mean maximum temperature, 66°; mean minimum 45°. The mean temperature of the month, 56°. The precipitation, .70 inches, falling on four days, viz: 5th, 9th, 29th and 30th. Prevailing direction of the wind, northerly. There were 19 clear, 4 fair and 7 cloudy days. Thunderstorm on the 9th. Frost on the 13th, 20th and 24th.

FRANKLIN COUNTY—J. MCPHERSON, Observer, Benton. Highest temperature, 87°, on the 17th; lowest, 38°, on the 13th; range, 49°. The mean temperature of the month, 60°.8. The precipitation, 1.05 inch, falling on three days, viz: 5th, 9th and 30th. Prevailing direction of the wind, S. There were 13 clear, 12 fair and 5 cloudy days. Hail on the 22nd.

GREENE COUNTY—P. J. BATES, Observer, White Hall. Highest temperature, 84°, on the 22d; lowest, 32°, on the 12th; range, 52°; greatest daily range, 30°, on the 1st, 7th, 11th, 8th, 17th and 22nd; least, 2°, on the 30th; mean

daily range, 19° 3. The mean temperature of the month, 57°.9. The precipitation, .99 of an inch, falling on three days, viz: 9th, 10th and 30th. Prevailing direction of the wind, S. & S.E. There were 16 clear, 4 fair and 10 cloudy days. Thunderstorm on the 5th at 3:30.

HAMILTON COUNTY—W. P. GIBBS, Observer, McLeansboro. Highest temperature, 86°, on the 22d; lowest, 32°, on the 13th; range, 54°; greatest daily range, 39°, on the 25th; least daily, 8°, on the 30th; mean daily range, 23°.7. The mean temperature of the month, 58°.53, was 2°.1 above the normal for the past six years. The precipitation, 1.48 inches, was 2.70 inches below the normal for the past six years falling on five days, viz: 5th, 9th, 22d, 29th and 30th. Prevailing direction of the wind, N.E.; maximum velocity, 7 on a scale of 10 miles from the W., on the 5th. There were 16 clear, 10 fair and 4 cloudy days. Thunderstorm on the 5th from the west at 6 p.m. The thunder was not so heavy as the wind which leveled many fences, trees, etc. The month has been unusually dry and cool, with some intervening hot days. The season is late and everything in the shape of vegetation backward.

HANCOCK COUNTY—FRED Z. GOSEWISCH, Observer, Signal Corps, Keokuk Iowa. Highest barometer, 30.560, on the 12th; lowest, 29.580, on the 1st; mean, 30.093; range, 0.950. Highest temperature, 81°, on the 26th; lowest, 29°.3, on the 20th; range, 61°.7; greatest daily range, 34°.6, on the 1st; least daily, 7°.0, on the 9th; mean daily range, 22°.2; mean maximum temperature 64°.7; mean minimum, 42°.5. The mean temperature of the month, 53°.2, was 1°.7 above the normal for the past sixteen years. The precipitation, 1.85 inches, was 1.09 inches below the normal for the past sixteen years, falling on six days, viz: 9th, 10th, 17th, 28th, 29th and 30th. Mean relative humidity, 59.2 per cent. Prevailing direction of the wind, S.E.; total movement, 7,450 miles; maximum velocity, 34 miles from the S.E., on the 4th. There were 16 clear, 12 fair and 2 cloudy days. Solar halo on the 8th. Lunar halo on the 16th and 18th. Thunderstorm on the 16th. Aurora on the 2d. Frost on the 6th, 11th, 12th, 18th, 20th and 24th.

HENDERSON COUNTY—R. HODSON, Observer, Oquawka. Highest temperature, 84°, on the 26th and 28th; lowest, 38° on the 2nd; range, 46°. The mean temperature of the month, 57°.1. The precipitation, 1.25 inch, falling on three days, viz: 9th, 29th and 30th. Prevailing direction of the wind, S.E. There were 13 clear, 10 fair and 7 cloudy days.

IROQUOIS COUNTY—H. UPSALL, Observer, Watseka. Highest barometer, 30.490, on the 24th; lowest, 29.567, on the 1st; mean, 30.148; range, 0.925. Highest temperature, 85°.2, on the 28th; lowest, 27°.5, on the 24th; range, 57°.7; greatest daily range, 38°.8, on the 29th; least daily, 6°.5, on the 30th; mean daily range, 23°.8; mean maximum temperature, 61°.1; mean minimum, 37°.3. The mean temperature of the month, 48°.9, was 1°.7 below the normal for the past three years. The precipitation, 2.11 inches, was 0.07 of an inch below the normal for the past three years, falling on seven days, viz: 5th, 9th, 11th, 14th, 17th, 22d and 30th. Mean relative humidity, 70 per cent. Prevailing direction of the wind, N.; total movement, 7,619 miles; maximum velocity, 28 miles from

the S.W., on the 5th. There were 18 clear, 4 fair and 8 cloudy days. Solar halo on the 15th. Lunar halo on the 18th. Thunderstorms on the 5th and 17th. Cherries, pears and strawberries in bloom on the 29th.

KANE COUNTY—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.413, on the 12th; lowest, 29.528, on the 1st; mean, 30.069; range, 0.885. Highest temperature, 85°, on the 27th and 28th; lowest, 28°, on the 3d and 8th; range, 57°; greatest daily range, 36°, on the 13th; least daily, 6°, on the 30th; mean daily range, 23°; mean maximum temperature, 58°; mean minimum, 36°. The mean temperature of the month, 46° 3, was 1° 57 below the normal for the past nine years. The precipitation, 2.08 inches, was 1 12 inches below the normal for the past nine years, falling on seven days, viz: 5th, 9th, 10th, 15th, 19th, 22d and 30th. Mean relative humidity, 77 per cent. Prevailing direction of the wind, N.; maximum velocity, 18 miles from the S.E., on the 4th, 12th and 13th. There were 5 clear, 21 fair and 4 cloudy days. Total snowfall, 2.1 inches, of which none remained on the ground at the end of the month. Thunderstorms on the 5th and 15th. Light ice formed on mornings of 3d, 6th, 8th, 11th, 12th, 13th, 20th, 23d, 24th and 25th.

KANKAKEE COUNTY—W. M. WELLS, Observer, Kankakee. Highest barometer, 30.145 on the 12th; lowest, 29.363, on the 15th; mean, 29.872; range, 0.785. Highest temperature, 80°, on the 28th; lowest, 33°, on the 7th; range, 47°; greatest daily range, 29°, on the 24th; least, 4°, on the 10th and 19th; mean daily range, 13.4; mean maximum temperature 57° 8; mean minimum, 44° 4. The mean temperature of the month, 50° 4. The precipitation, 1.15 inches, falling on six days viz: 9th, 10th, 15th, 19th and 30th. Prevailing direction of the wind, S.E. There were 10 clear 8 fair and 12 cloudy days. Total snowfall, .01 inch, of which none remained on the ground at the end of the month. Thunderstorm on the 15th. Distant lightning on the 1st and 5th.

KENDALL COUNTY—J. S. SEELY, Observer, Oswego. Highest temperature, 83°, on the 28th; lowest, 27°, on the 23d and 24th; range, 56°; greatest daily range, 36°, on the 25th; least, 5°, on the 30th. The mean temperature of the month, 45°, was 7 below the normal for the past 8 years. The precipitation, 1.59 inch, was 1.6 inch below the normal for the past 8 years, falling on seven days, viz: 5th, 9th, 10th, 14th, 19th, 23d and 30th. Prevailing direction of the wind, N.E. & N.W. There were 15 clear, 4 fair and 11 cloudy days. Total snowfall, .40 of an inch. Thunderstorm on the 15th with hail.

KNOX COUNTY—T. A. WETMORE, Observer, Oneida. Highest temperature, 82°, on the 27th and 28th; lowest, 32°, on the 3d, 6th and 12th; range, 50°; greatest daily range, 34°, on the 5th; least daily, 2°, on the 9th. The mean temperature of the month, 49° 5, was 2° below the mean of the past three years. The precipitation, 1.62 inches, was 0.98 of an inch below the mean of the past three years, falling on four days, viz: 9th, 19th, 29th and 30th. Prevailing direction of the wind, S. There were 14 clear, 5 fair and 11 cloudy days. Total snowfall, trace, of which none remained on the ground at the end of the month. Lunar halo on the 17th.

Aurora on the 2d and 11th. The past month has been dry and cold, everything is backward. The trees only beginning to leaf. Pastures and meadows are suffering for want of rain, and the grass crop will be short unless there is an abundance of rain the first of the coming month. The season is nearly two weeks later than last year. Still since the frost was out of the ground the weather has been favorable for putting in crops, and the farmers are well along with their work for the time they have had to work. There is quite an amount of corn planted this month and oats are generally coming well. There was frost on eleven days the past month. The most killing, since the ground was in condition to work was on the 19th, when ice formed a little more than one-fourth of an inch thick. Stock is in fair condition for the feed that was on hand last winter. Pastures are likely to be short this season on account of the scarcity of feed for them. Pastures would scarcely be fit to use yet, still stock has been out for two weeks.

LASALLE COUNTY—J. O. HARRIS, Observer, Ottawa. Highest temperature, 83°, on the 27th; lowest, 30°, on the 3rd and 12th; range, 63°; greatest daily range, 30°, on the 11th; least, 8°, on the 9th; mean daily range, 19° 4; mean maximum temperature, 58° 9; mean minimum, 39° 5. The mean temperature of the month, 46° 25. The precipitation, 1.23 inch, falling on three days, viz: 9th, 19th and 30th. Prevailing direction of the wind, N.E. Lunar halo on the 17th. Frost on the 2d, 3d, 4th, 11th, 12th, 19th, 20th, 21st, 22nd, 23rd, 24th and 25th.

LAWRENCE COUNTY—J. A. FYFFE, Observer, Sumner. Highest temperature, 84°, on the 15th, 27th, 28th and 29th, lowest, 32°, on the 13, 20 and 24th; range, 52°; greatest daily range, 33° 2, on the 28th; least, 5°, on the 12th, 20th and 26th. The mean temperature of the month, 56° 2, was 2° 5 above the normal for the past 3 years. The precipitation, 1.4 inch, was 4 12 inch below the mean of the 2 years, falling on 3 days, viz: 5th, 9th and 29. Prevailing direction of the wind, N.W.; maximum velocity, 7 miles from the S., on the 27th. There were 21 clear, 7 fair and 2 cloudy days. Frost on the 14th, 20th, 21st and 24th. Peaches in bloom on the 14th. Plums and cherries in bloom on the 19th. Apples in bloom on the 24th. Grass enough for stock to live without feeding on the 26th.

LEE COUNTY—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer, 30.350, on the 24th; lowest, 29.550, on the 1st; mean, 30.013; range, .70. Highest temperature, 84°, on the 26th and 27th; lowest, 32°, on the 3d; range, 52°; greatest daily range, 31°, on the 25th; least, 2°, on the 30th; mean daily range, 19° 8; mean maximum temperature, 58°; mean minimum, 28° 2. The mean temperature of the month, 48° 2, was 1° 7 above the normal for the past 33 Aprils. The precipitation, 1.77 inch, was 1.13 inch below the normal for the past 8 years, falling on five days, viz: 5th, 9th, 19th, 29th and 30th. Mean relative humidity, 73.26 per cent. Prevailing direction of the wind, W. & E. total movement, 7424 miles; maximum velocity, 39 miles from the S.W., on the 13th. There were 12 clear, 8 fair and 10 cloudy days. Total snowfall, 2 inches, of which none remained on the ground at the end of the month. Solar halo on the 3d. Aurora on the 3d and 11th. Thunderstorm on the 5th. For the 33 Aprils past that of 1878 was the warmest; 54° 2,

which was $^{\circ}14$ above the normal and. April of 1874 was the coldest: 33° , was $13^{\circ}18$ below the normal. April of 1888 and 1876 were alike.

LOGAN COUNTY—L. H. SULLIVAN, Observer, Beason. Highest temperature, 83° , on the 27th and 28; lowest 32° , on the 6th and 12th; range, 52° . The mean temperature of the month, 50.54 . The precipitation, 1.51 inch falling on six days, viz: 5th, 9th, 10th, 16th, 29th and 30th. Prevailing direction of the wind, N. W. There were 20 clear, 8 fair and 2 cloudy days. Solar halo on the 5th and 12th; lunar on the 18th. Thunderstorms on 5th and 16th. Mirage on the morning of the 11th at 6:15.

MADISON COUNTY—DR. J. L. WADSWORTH, Observer, Collinsville. Highest temperature, 87° , on the 22d; lowest, $32^{\circ}5$, on the 20th; range, $54^{\circ}5$; greatest daily range, 36° , on the 22d; least daily, $13^{\circ}5$, on the 9th; mean daily range, $23^{\circ}53$; mean maximum temperature, $69^{\circ}6$; mean minimum, $45^{\circ}66$. The mean temperature of the month, $57^{\circ}36$, was $2^{\circ}36$ above the normal for the past nine years. The precipitation, 2.36 inches, was 0.73 of an inch below the normal for the past six years, falling on three days, viz: 9th, 29th and 30th. Prevailing direction of the wind, S. There were 21 clear, 5 fair and 4 cloudy days. Thunderstorm on the 9th. Wheat has suffered much for want of rain, and other things in proportion.

MARION COUNTY—J. L. HALLAM, Observer, Centralia. Highest temperature, 89° , on the 28th; lowest, 36° , on the 13th; range, 53° ; greatest daily range, 36° , on the 25th; least, 2° , on the 30th; mean daily range, 23° ; mean maximum temperature, 72° ; mean minimum, 49° . The mean temperature of the month, $60^{\circ}5$. The precipitation, 1.4 inch, falling on four days, viz: 5th, 9th, 18th and 30th. Prevailing direction of the wind, N.E. & S.E.; maximum velocity, 25 miles. There were 21 clear, 4 fair and 6 cloudy days. Thunderstorm on the 5th and 9th. Frost on the 13th, 20th and 23d.

MARSHALL COUNTY—REV. A. C. PRICE, Observer, Lacon. Highest barometer, 30.15, on the 24th; lowest, 29.15, on the 9th; mean, 29.784; range, 1.00. Highest temperature, 86° , on the 26th, 27th and 28th; lowest, 33° , on the 6th; range, 53° ; greatest daily range, 40° , on the 5th; least daily, 6° , on the 30th; mean daily range, $20^{\circ}5$. The mean temperature of the month was $52^{\circ}2$. The precipitation, 1.64 inches, falling on seven days, viz: 9th, 10th, 17th, 19th, 22d, 29th and 30th. Prevailing direction of the wind, N.W. and N.E. There were 17 clear, 3 fair and 10 cloudy days. Total snowfall, trace, of which none remained on the ground at the end of the month. Solar halo on the 6th. Distant thunder on the 5th. Frost on the 3d, 4th, 6th, 8th, 11th, 12th, 13th, 17th, 18th, 20th, 23d, 24th and 25th. Ice on the mornings of the 3d, 6th, 12th, 13th, 18th, 20th, 23d, 24th and 25th. The frost was not all out of the ground until the 18th. A little snow fell on the 3d and 19th. Blossoms appeared on the trees—white elm on the 13th, silver maples on the 17th, hard maples and black ash on the 28th, box elders on the 23d, first cherry blooms on the 29th, first leaves appeared on the 26th.

MCHEHRY COUNTY—JOHN W. JAMES, Observer, Riley. Highest temperature, $81^{\circ}1$,

on the 27th; lowest, $26^{\circ}7$, on the 3d and 6th; range, $54^{\circ}4$; greatest daily range, $43^{\circ}4$, on the 29th; least, $3^{\circ}4$, on the 30th. The mean temperature of the month, $43^{\circ}7$, was $0^{\circ}7$ below the normal for the past 27 years. The precipitation, 2.16 inches, was .54 of an inch below the normal for the past 27 years, falling on ten days, viz: 5th, 8th, 9th, 10th, 15th, 19th, 22d, 26th, 29th and 30th. Prevailing direction of the wind, N.W. & E. There were 8 clear, 16 fair and 6 cloudy days. Total snowfall, 3 inches, of which large patches remained on the ground at the end of the month. Solar halos on the 1st, 4th, 8th, 15th, 18th and 20th; lunar on the 17th, 20th and 25th. Aurora on the 2d and 11th. Thunderstorms on the 5th and 15th. Frost on the 1st, 2d, 3d, 6th, 7th, 8th, 11th, 12th, 13th, 18th, 19th, 20th, 23d, 24th, 25th and 30th, or on 16 days in all—an unusual amount for April. Grass started on the 2d, but grew very slowly on account of the cold, d,y weather, but brightened up wonderfully under the warm sun of the 25th and 28th and rains of the 29th and 30th. Sowing wheat on the 2d, oats 11th to 21st. Started the plow on the 10th. Frost all out by the 15th. Gooseberry leaves breaking out on the 16th; oats on the 26th. Beginning to plow up the *Cicada Septendecima*, or 17-year locust, (due this year) on the 26th.

MORGAN COUNTY—P. J. HASENSTAB, Observer, Institute for the Deaf, Jacksonville. Highest barometer, 30.528, on the 12th; lowest 29.505, on the 1st; mean, 30.077; range, 1.023. Highest temperature, 80° , on the 27th; lowest, $30^{\circ}8$, on the 12th; range, $49^{\circ}1$; greatest daily range, $32^{\circ}4$, on the 13th; least, $6^{\circ}3$, on the 29th; mean daily range, $19^{\circ}3$; mean maximum temperature, $64^{\circ}2$; mean minimum, $44^{\circ}9$. The mean temperature of the month, $54^{\circ}8$, was 0.4° above the mean of the past year. The precipitation, 1.045 inch, was .455 inch less than the mean of the past year, falling on four days, viz: 5th, 9th, 29th and 30th. Mean relative humidity, 69 per cent. Prevailing direction of the wind, S.E.; total movement, 7369 miles; maximum velocity, 36 miles from the N.W. on the 5th. There were 15 clear, 9 fair and 6 cloudy days. Solar halo on the 1st, 2d, 5th, 8th and 16th, lunar on 16th and 18th. Thunderstorm on the 5th in the west. Light frost on the 6th.

MERCER COUNTY—TYLER MCWHORTER, Observer, Aledo. Highest temperature, 82° , on the 26th; lowest, 31° , on the 12th; range, 51° ; greatest daily range, 28° , on the 3d. The precipitation, 1.30 inches, was .77 inch below the normal for the past 10 years, falling on 5 days, viz: 9th, 17th, 19th, 24th and 30th. Prevailing direction of the wind, S.E. There were 7 clear, 16 fair and 7 cloudy days.

OGLE COUNTY—WM. FEARY, Observer, Mt. Morris. Highest temperature, 85° , on the 26th and 27th; lowest, 30° , on the 11th; range 55° ; greatest daily range 47° , on the 25th; least, 4° , on the 29th; mean daily range, 21° ; mean maximum temperature, $58^{\circ}26$; mean minimum, $37^{\circ}27$. The mean temperature of the month, $48^{\circ}07$, was 3° below the mean for April last year. Rain on four days viz: 9th, 22nd, 29th and 30th. Prevailing direction of the wind, S.E.; maximum velocity, high from the S.W. on the 10th. There were 12 clear, 9 fair and 9 cloudy days. Total snowfall, 1 inch, of which none remained on the ground at the end of the month. Solar halo on the 28th; lunar on the 17th, 20th and 21st. Distant thunder on the 15th at 2 a.m.

OGLE COUNTY—A. B. SWENEY, Observer, Polo. Highest temperature, 85°, on the 26th, 27th and 28th; lowest, 30°, on the 3rd; range, 55°; greatest daily range, 35°, on the 25th; least, 2°, on the 9th. The mean temperature of the month, 48°. The precipitation, 1.61 inch, falling on six days, viz: 5th, 8th, 9th, 16th, 29th and 30th. Prevailing direction of the wind, N. W. & S. E. There were 9 clear, 13 fair and 8 cloudy days. Total snowfall, 1½ inch, of which none remained on the ground at the end of the month. Solar halo on the 1st, 4th and 13th; lunar on the 1st. Frost on the 2d, 3d, 4th, 6th, 12th, 13th, 19th, 20th, 22d, 23d, 24th and 25th. Aurora on the 2nd and 11th.

PEORIA COUNTY—DR. FRED BRENDDEL, Observer, Peoria. Highest barometer, 30.072, on the 12th; lowest, 29.168, on the 1st; mean, 29.692; range, 0.904. Highest temperature, 86°, on the 26th and 27th; lowest, 32°, on the 20th; range, 54°; greatest daily range, 31° 5, on the 1st; least, 10°, on the 9th; mean daily range, 22° 5; mean maximum temperature, 66° 3; mean minimum, 53° 8. The mean temperature of the month, 53° 6, was 1° 3 above the normal for the past 32 years. The precipitation, 1.18 inch, was 1.87 inch below the normal for the past 62 years, falling on five days, viz: 9th, 17th, 19th, 29th and 30th. Mean relative humidity, 57 per cent. Prevailing direction of the wind, E. There were 11 clear, 12 fair and 7 cloudy days. Greatest daily mean temperature, 74° 7, on the 27th; least, 44°, on the 2d and 19th. Warmest April since 1865 was in 1878 with a mean of 57° 9 and no frost. The coolest in 1857 with a mean of 40° and 18 days on which frost occurred. The highest temperature reached was 90° in 1887, and the lowest 18° in 1857.

PIATT COUNTY—J. W. C. GRAY, Observer, Atwood. Highest temperature, 84°, on the 28th; least, 28°, on the 24th; range, 56°; mean minimum temperature, 40° 1. The mean temperature of the month, 53° 4. The precipitation, 1.96 inch, falling on four days, viz: 1st, 8th, 9th and 30th. Prevailing direction of the wind, N. & N. E. There were 18 clear, 2 fair and 10 cloudy days. Solar halos on the 2d, 4th, 8th, 21st and 22nd; lunar on the 25th. Thunderstorms on the 1st, 5th, 12th, 17th and 26th. Pear and cherry trees in bloom on the 27th. Apple trees on the 28th.

PIKE COUNTY—L. EASTMAN, Observer, Griggsville. Highest barometer, 30.40, on the 12th; lowest, 29.70, on the 1st, 5th and 7th; range, .70. Highest temperature, 87°, on the 27th; lowest, 28°, on the 20th; range, 59°; greatest daily range, 32°, on the 13th; least, 6°, on the 30th; mean daily range, 22° 2; mean maximum temperature, 65° 3; mean minimum, 43° 1. The mean temperature of the month was 53° 4. The precipitation, 1.25 inches, was 2.76 inches below the normal for the past eight years, falling on three days, viz: 5th, 9th and 30th. There were 17 clear, 3 fair and 10 cloudy days. Thunder, lightning and hail on the 9th.

PIKE COUNTY—C. H. OAKFORD, Observer, Griggsville. Highest temperature, 85°, on the 26th; lowest, 32°, on the 10th. The mean temperature of the month was 53° 4. The precipitation was 1.25 inches, falling on three days. Prevailing direction of the wind, S. E. & E. There were 17 clear, 9 fair and 4 cloudy days. Thunderstorms on the 6th and 22d. The first butterfly was seen on the morning of the 14th. A rainbow on the eve-

ning of the 25th. First blossoms on trees on the 20th. Frost on the 2d, 12th and 23d.

POPE COUNTY—J. E. Y. HANNA, Observer, Golconda. Highest temperature, 87°, on the 17th; lowest, 42°, on the 20th and 24th; range, 45°; greatest daily range, 28°, on the 3d, 15th and 22nd; least, 8°, on the 18th; mean daily range, 19° 5. The mean temperature of the month, 60° 5, was 1° 5 above the normal for the past ten years. The precipitation, 2.36 inches, was 1.64 inch below the normal for the past ten years, falling on five days, viz: 5th, 9th, 22d, 29th and 30th. Prevailing direction of the wind, E & S. There were 21 clear, 4 fair and 5 cloudy days. Thunderstorm on the 5th and 22nd. Hail storm on the 22nd (light). Gale from the West on the 5th at 8 p. m. Light frost on the 13th, 21st and 25th on low land only. No injury done Peaches bloomed on the 2d, Pears on the 6th, Cherries on the 8th. Apples on the 10th.

PUTNAM COUNTY—A. T. PURVIANCE, Observer, Hennepin. Highest temperature, 87°, on the 28th; lowest, 25°, on the 3d; range, 62°; greatest daily range, 52°, on the 6th; least, 3°, on the 25th; mean maximum temperature, 64° 8; mean minimum, 33° 7. The mean temperature of the month, 49° 2. The precipitation, .93 inch, falling on two days, viz: 10th and 29th. Prevailing direction of the wind, S. E. There were 15 clear, 3 fair and 12 cloudy days.

RANDOLPH COUNTY—W. J. S. CATHCART, Observer, Jordan's Grove. Highest temperature, 89°, on the 22nd; lowest, 33°, on the 13th and 20th; range 56°; greatest daily range, 39°, on the 22nd; least, 3°, on the 30th; mean daily range, 24° 8, mean maximum temperature, 71°; mean minimum, 46° 2. The mean temperature of the month, 58° 8, was 1° 2 below that of April 1887. The precipitation, 1.82 inch, was 0.84 of an inch below that of April 1887, falling on four days, viz: 5th, 9th, 29th and 30th. Prevailing direction of the wind, N. W.; maximum velocity, high from the S. W. on the 5th. There were 19 clear, 7 fair and 4 cloudy days. Solar halo on the 8th, 11th and 12th. Thunderstorm on p. m. of the 5th; high wind and heavy rain mingled with hail on the same evening; also thunder on the 9th; hoar frost on the 11th, 13th, 20th and 24th; the mercury was up to 89° at 3 p. m. of the 22nd; at 5 a. m. of the 23rd it was down to 43° and remained stationary till after 7 a. m.; red sunset on the 3rd; ice one-eighth of an inch thick on the 13th.

ROCK ISLAND COUNTY—J. M. FITZGERALD, Observer, Davenport. Highest barometer, 30.557, on the 12th; lowest, 29.607, on the 1st; mean, 30.121; range, 0.950. Highest temperature, 81° 3, on the 26th; lowest, 29° 2, on the 12th; range, 52° 1; greatest daily range, 34° 4, on the 13th; least, 7° 1, on the 30th; mean daily range, 21° 7; mean maximum temperature, 60° 8; mean minimum, 39° 1. The mean temperature of the month, 49° 5. The precipitation, 1.57 inch, was 1.37 inch below the normal for the past 16 years, falling on six days, viz: 5th, 9th, 17th, 19th, 29th and 30th. Mean relative humidity, 60.5 per cent. Prevailing direction of the wind, N. W.; total movement, 6,887 miles; maximum velocity, 48 miles from the S. W., on the 13th. There were 12 clear, 15 fair and 3 cloudy days.

SANGAMON COUNTY—JOHN CRAIG, Observer, Signal Corps, Springfield. Highest

barometer, 39.550, on the 12th; lowest, 29.630, on the 1st; mean, 30.153; range, 0.950. Highest temperature, 80°, on the 27th; lowest, 30°, on the 13th; range, 50°; greatest daily range, 38°.8, on the 13th; least daily, 13°.7, on the 29th; mean daily range, 24°.2; mean maximum temperature, 65°.7; mean minimum, 41°.5. The mean temperature of the month, 53°.4, was 0°.1 below the normal for the past nine years. The precipitation, 1.41 inches, was 2.11 inches below the normal for the past nine years, falling on six days, viz: 5th, 9th, 10th, 21st, 29th and 30th. Mean relative humidity, 56.2 per cent. Prevailing direction of the wind, S.; total movement, 6,721 miles; maximum velocity, 36 miles from the S.E., on the 9th. There were 11 clear, 13 fair and 6 cloudy days. Solar halos on the 1st, 2d, 4th, 8th and 28th. Lunar halos on the 15th, 18th, 21st and 25th. Thunderstorms on the 5th and 22d. Frosts on the 3d, 6th, 12th, 13th, 20th, 23d and 24th. The rainfall of April is less than that of any April previously recorded at this station.

SHELBY COUNTY—A. H. HATCH, Observer, Windsor. Highest barometer, 30.641, on the 12th; lowest, 29.541, on the 1st; mean, 30.153; range, 1.100. Highest temperature, 79°.9, on the 28th; lowest, 30°, on the 20th; range, 49°.9; greatest daily range, 33°.9, on the 4th; least, 3°, on the 28th; mean maximum temperature, 66°.2; mean minimum, 41°.7. The mean temperature of the month, 50°.3, was 3°.6 below the mean of the past 3 Aprils. The precipitation, 2.17 inches, was 10. inches below the mean of the past 3 years, falling on six days, viz: 5th, 9th, 10th, 22d, 29th and 30th. Mean relative humidity, 68.4 per cent. Prevailing direction of the wind, N.W. & S.E.; total movement, 7,236 miles; maximum velocity, 36 miles from the S.D., on the 8th. There were 16 clear, 6 fair and 8 cloudy days. Lunar halo on the 28th. The drouth was broken on the night of the 29th by a good rain, but up to that time the rainfall was only one half the average amount for the month.

ST. CLAIR COUNTY—DR. G. LEIBROCK, Observer, Mascoutah. Highest temperature, 87°, on the 1st; lowest, 30°, on the 12th; range, 59°; greatest daily range, 42°, on the 4th; least, 4°, on the 30th; mean daily range, 23°.7; mean maximum temperature, 66°.9; mean minimum, 43°.2. The mean temperature of the month, 55°. The precipitation, 1.5 inch, falling on four days, viz: 5th, 9th, 29th, and 30th. Thunderstorm on the 5th, 9th, and 22nd.

ST. CLAIR COUNTY—V. P. CHAPPEL, Observer, Signal Corps, St. Louis, Mo. Highest barometer, 30.520, on the 12th; lowest, 29.560, on the 1st; mean, 30.123; range, 0.969. Highest temperature, 87°.5, on the 1st; lowest, 34°.8, on the 20th; range, 52°.7; greatest daily range, 33°.4, on the 17th; least, 12°.2, on the 29th; mean daily range, 22°.1; mean maximum temperature, 70°.5; mean minimum, 48°.4. The mean temperature of the month, 58°.1, was 2°.4 above the normal for the past sixteen years. The precipitation, 1.88 inches, was 1.61 inches below the normal for the past sixteen years, falling on four days, viz: 9th, 10th, 29th and 30th. Mean relative humidity, 53.0 per cent. Prevailing direction of the wind, S.E.; total movement 9370 miles; maximum velocity, 44 miles from the S., on the 5th. There were 18 clear, 8 fair and 4 cloudy days.

STEPHENSON COUNTY—JOHN WRIGHT, Observer, Cedarville. Highest temperature,

86°, on the 27th; lowest, 30°, on the 8th; range, 56°. The mean temperature of the month, 45°.7, was 1°.7 below the normal for the past three April, falling on five days, viz: 5th, 9th, 15th, 29th and 30th. Prevailing direction of the wind, N.W. There were 20 clear, 2 fair and 8 cloudy days. Thunderstorm on the 15th accompanied by hail. Snow sufficient to cover the ground fell on the 19th. Lightning in the W. & N.W. on the evening of the 26th and 28th. This month has been unusually cool; even more so than April 1881 when we had so much snow on the ground.

TAZEWELL COUNTY—REV. J. E. TERBORG, Observer, Pekin. Highest barometer, 30.748, on the 12th; lowest, 29.743, on the 1st; mean, 30.300; range, 1.003. Highest temperature, 87°, on the 28th; lowest, 28°, on the 20th; range, 59°; greatest daily range, 41°, on the 4th; least daily, 9°, on the 9th; mean daily range, 26°.5; mean maximum temperature, 66°; mean minimum, 39°.5. The mean temperature of the month, 54°.3, was 1°.4 below the normal for the past three years. The precipitation, 2.05 inches, was 0.29 of an inch below the normal for the past six years, falling on three days, viz: 9th, 17th and 30th. Mean relative humidity, 79.9 per cent. Prevailing direction of the wind, N.W. There were 13 clear, 8 fair and 9 cloudy days. Solar halos on the 1st, 2d and 6th. Lunar halos on the 16th, 18th and 21st. Frosts on the 3d, 4th, 6th, 12th, 13th and 20th. Aurora on the 17th. Polar bands on the 15th. Meteors on the 5th. Hail on the 3d. Lightning without thunder on the 1st and 5th. First butterfly on the 18th. Geese flying north on the 19th. Drouth in this section was becoming serious when the rain of the 30th brought some relief.

VERMILION COUNTY—MISS C. JEAN TREGO, Observer, Hoopeston. Highest barometer, 29.78, on the 12th; lowest, 28.85, on the 1st; mean, 29.394; range, 0.93. Highest temperature, 83°, on the 28th; lowest, 28°, on the 13th, 20th and 24th; range, 55°; greatest daily range, 36°, on the 1st, 6th, 15th and 17th; least daily, 11°, on the 19th; mean daily range, 26°.7; mean maximum temperature, 63°.1; mean minimum, 36°.4. The mean temperature of the month was 49°.57. The precipitation was 2.18 inches, falling on six days, viz: 5th, 9th, 10th, 11th, 22d, 29th and 30th. Prevailing direction of the wind, N.W. There were 19 clear, 6 fair and 5 cloudy days. Thunderstorm on the 5th. Aurora on the 2d. Frost on the 3d and 6th.

WASHINGTON COUNTY—A. G. TUCKER, Observer, Richview. Highest barometer, 30.497, on the 12th; lowest, 29.503, on the 1st; mean, 30.099; range, 0.994. Highest temperature, 83°.2, on the 22d; lowest, 31°.8, on the 20th; range, 51°.3; greatest daily range, 38°.6, on the 15th; least daily, 3°.7, on the 30th; mean daily range, 22°.1; mean maximum temperature, 67°.1; mean minimum, 45°.0. The mean temperature of the month, 56°.8, was 0°.5 above the normal for the past three years. The precipitation, 2.26 inches, was 0.78 of an inch below the normal for the past three years, falling on five days, viz: 5th, 9th, 22d, 29th and 30th. Mean relative humidity, 62.7 per cent. Prevailing direction of the wind, N.W. & S.E.; maximum velocity, strong, from the N.W., on the 10th. There were 17 clear, 11 fair and 2 cloudy days. Thunderstorms on the 5th, 9th, 22d and 29th. Light frost on the 13th, 20th, 24th and 25th, did not injure vegetation to much extent.

WINNEBAGO COUNTY—FRANK OSBORN, Observer, Winnebago. Highest temperature, 88°, on the 26th; lowest, 50°, on the 12th; range, 58°; greatest daily range, 37°, on the 25th; least, 14°, on the 2nd; mean daily range, 20°. The mean temperature of the month, 46°.2. The precipitation, 2.20 inches, falling on nine days, viz: 4th, 8th, 9th, 15th, 18th, 19th, 22nd, 29th and 30. Prevailing direction of the wind, S. There were 7 clear, 17 fair and 6 cloudy days. Total snowfall, one-half inch, of which none remained on the ground at the end of the month. Solar halo on the 3rd and 4th; lunar on the 17th and 20th. Thunderstorms on the 5th and 15th. Frogs first piping on the 6th. Anemones in bloom on the 20th. Grass very backward on account of the severe winter and drouth. Nearly all the rain in March fell while the frost was in the ground, and was, therefore of little benefit.

WINNEBAGO COUNTY—JOHN W. BUDLONG, Observer, Rockford. Highest barometer, 30.140, on the 23d; lowest, 29.330, on the 21st; mean, 29.620; range, 0.810. Highest temperature, 83°, on the 27th; lowest, 30°, on the 30th; range, 53°; greatest daily range, 28°, on the 13th; least daily, 1°, on the 29th. The mean temperature of the month was 45°. The precipitation was 1.70 inches, falling on four days, viz: 10th, 16th, 29th and 30th. Prevailing direction of the wind, N. There were 15 clear, 4 fair and 11 cloudy days. Frost on the 24th, 25th and 26th.

WAYNE COUNTY—JACOB HALL, Observer, Fairfield. Highest temperature, 87°, on the 15th; lowest, 33°, on the 13th and 24th; range, 54°; greatest daily range, 44°, on the 25th; least daily, 2°, on the 30th; mean daily, 23°; mean maximum temperature, 69°; mean minimum, 46°. The mean temperature for the month, 60°.2, was the normal for the past five years. The precipitation, 1.043 inches, was 2.065 inches below the normal for the past five years, falling on four days, viz: 4th, 9th, 23d and 30th. There were 13 clear, 12 fair and 5 cloudy days. Solar halos on the 2d, 3d and 12th. Haze on the 8th and 17th. Frost on the 13th. Frost and ice on the 2d and 25th. No serious damage to vegetation. Oats are suffering for rain. Farmers are planting corn.

WILL COUNTY—MISS ANNA B. NASH, Observer, Joliet. Highest temperature, 82.0°, on the 26th; lowest, 30°.0, on the 2d and 12th; range, 52°.0; greatest daily range, 29°.0, on the 12th; least, 5°.0, on the 9th; mean daily range, 16°.1; mean maximum temperature, 57°.1; mean minimum, 41°.9. The mean temperature of the month was 47°.9. The precipitation was 2.10, falling on four days, viz: 9th, 22d, 29th and 30th. Prevailing direction of the wind, W. There were 12 clear, 13 fair and 5 cloudy days.

SCHOOL REPORTS.

The complete April Reports received are as follows:

COOK COUNTY, W. B. ALLEN, Observer, Wheeling. Highest barometer, 30.80, on the 12th; lowest, 29.90, on the 1st; mean, 0.900. Highest temperature, 81°.0, on the 28th; lowest, 27°.0, on the 24th and 25th; range, 57°.0; greatest daily range, 37°.0, on the 29th; least, 9°.0, on the 10th and 20th; mean daily range, 19°.8; mean maximum temperature, 56°.0; mean minimum, 36°.2. The mean temperature of the month was 45°.9. The precipitation was 2.10 inches, falling on seven days, viz: 5th, 8th, 9th, 15th, 16th, 22d and 30th. Prevailing direction of the wind, N.E. There were 20 clear, 11 fair and 9 cloudy days. Total snow-fall, 0.5 of an inch, of which none remained on the ground at the end of the month. Lunar halos on the 20th and 21st. Thunderstorms on the 1st and 27th. It is commonly remarked in this neighborhood that April has been unusually cold and backward.

DEWITT COUNTY, ADA STACKHOUSE, Observer, Wapella. Highest temperature, 86°.0, on the 27th; lowest, 36°.0, on the 3d; range, 50°; greatest daily range, 26°.0, on the 6th; least, 4°.0, on the 30th. The mean temperature of the month was 55°.0. The precipitation was 2.0 inches, falling on four days, viz: 9th, 19th, 29th and 30th. Prevailing direction of the wind W. There were 22 clear, 2 fair and 6 cloudy days. Solar halo on the 18th. The past April has been drier and cooler than usual. The ground is very dry, except a few inches of the surface which has been moistened by late rains. Many wells are dry. Winter wheat will not average over 50 per cent. Oats look fairly well. Farmers are planting corn. Rain of the 30th made the land work nicely. Fruit prospects fair.

FORD COUNTY, A. C. RISHEL, Observer, Gibson City. Highest temperature, 82°, on the 27th; lowest, 32°, on the 3d; range, 50°; greatest daily range, 36°, on the 5th; lowest, 10°, on the 24th. The mean temperature of the month was 50°.5. The precipitation was 2.125 inches, falling on five days, viz: 5th, 9th, 20th, 29th and 30th. Prevailing direction of the wind, N.W. There were 13 clear, 6 fair and 11 cloudy days. Frost on the 6th, 11th and 12th. Lunar halo on the 18th. The month has been dry and cold. Vegetation is backward. Box alder trees blossomed about the 20th, and cherry trees the 30th (sparingly). Clover is killed, while meadows and pastures are slow starting. The rain of the 30th must greatly improve them. Corn planting just beginning. Spring birds are here in force. Baltimore orioles, scarlet tanager and rose-breasted grosbeaks arrived on the 28th.

JO DAVIESS COUNTY, MAMIE MCENTEE and BERNICE BALLARD, Pupils of Warren High School, Observers. Highest barometer, 30.22, on the 24th; lowest, 28.9, on the 29th; mean, 30.12; range, 1.32. Highest temperature, 82°, on the 28th; lowest, 24°, on the 23d; range, 58°; greatest daily range, 46°, on the 28th; least, 8°.25, on the 29th; mean daily range 23°; 6; mean maximum temperature, 57°.3; mean minimum, 33°.7. The mean temperature of the month was 47°.3. The precipitation was 2.85 inches, falling on seven days, viz: 4th

6th, 8th, 10th, 17th, 20th and 29th. Prevailing direction of the wind, W. There were 4 clear, 16 fair and 10 cloudy days. Total snowfall, 1.50 inches, of which none remained on the ground at the end of the month. Solar halo on the 7th; lunar on the 21st. Thunderstorm on the 4th (15 went N.W. of here). Aurora on the 2d. Hail on the 14th. Slight snowfall on the 30th. Hoar frost on the 19th. Small grain sowed and looking well. Most of the corn ground plowed and made ready for planting. Grass rather backward.

KNOX COUNTY, C. F. MARSH and CHAS. W. HUSTON, Observers, Wataga. Highest barometer, 30.21, on the 12th; lowest, 29.30, on the 5th and 9th; mean, 29.770; range, .91. Highest temperature, 103°, on the 18th; lowest, 31°, on the 3d; range, 72°; greatest daily range, 31°, on the 6th; least, 3°, on the 9th; mean daily range, 19°; mean maximum temperature, 62°.5; mean minimum, 44°.7. The precipitation was 1.37 inches, falling on three days, viz: 8th, 18th and 29th. Prevailing direction of the wind, W. There were 15 clear, 3 fair and 12 cloudy days. Solar halo on the 6th; lunar on the 18th. Frost on the 6th and 20th.

LAKE COUNTY, L. R. F. GRIFFIN, Observer, Lake Forest University, Lake Forest. Highest barometer, 30.401 at 8:10 a.m. on the 12th; lowest, 29.475 at 12:30 m. on the 10th; mean, 29.732; range, .926. Highest temperature, 84°, on the 27th; lowest, 24°, on the 2d and 24th; range, 60°; greatest daily range, 46°, on the 5th; least, 9°, on the 8th and 29th; mean daily range, 19°.97; mean maximum temperature, 53°.21; mean minimum, 33°.25. The mean temperature of the month, 43°.25, was .47° below the mean of the past two years. The precipitation, 1.77 inches, was .03 of an inch above the mean of the past two years, falling on six days, viz: 5th, 8th, 10th, 15th, 19th and 30th. Mean relative humidity, 66.2 per cent. Prevailing direction of the wind, E. There were 6 clear, 13 fair and 3 cloudy days. Total snowfall, .5 of an inch, of which none remained on the ground at the end of the month. Lunar halos on the 17th and 18th. Thunderstorms on the 5th and 15th, the latter accompanied by hail. Frost appeared on nearly every morning until the 25th, and also on the 30th.

LIVINGSTON COUNTY, JOHN E. GEORGE and E. A. BAKER, Observers, Dwight. Highest temperature, 83°, on the 28th; lowest, 28°, on the 24th; greatest daily range, 41°, on the 5th; mean maximum temperature, 61°.1; mean minimum, 37°; mean daily range, 24°.1. More than .01 of an inch fell on but three days, viz: 9th, 18th and 30th. Total rainfall for the month, 1.42 inches. .2 of an inch of snow fell on the morning of the 19th. Ground froze on the night of the 23d, and ice formed to the thickness of .06 of an inch. The first tulip opened on the 26th. Prevailing direction of the wind, N.W. There were 14 clear, 9 fair and 7 cloudy days.

LASALLE COUNTY, CLAUDE LOVELESS, Observer, Earlville. Highest temperature, 81°.0 on the 27th; lowest, 30°.0, on the 12th; range, 51°.0. The mean temperature of the month was 45°.6. The precipitation was 1.43 inches falling on five days, viz: 9th, 19th, 22d, 29th and 30th. Prevailing direction of the wind, S.E. There were 7 clear, 10 fair and 13 cloudy days. Solar halos on the 2d and 14th; lunar, on the 17th, 18th, 19th and 23d. Faint aurora on the 2d, about 9:30 p.m.

PERRY COUNTY, CHAS. ZEIGLER, Observer, Old DuQuoin. Highest temperature, 89°.0, on the 15th and 29th; lowest, 33°.0, on the 13th and 21st; range, 56°; greatest daily range, 25°.9; mean maximum temperature, 74°.0; mean minimum, 48°.0. The mean temperature of the month was 61°.0. The precipitation was 2.00 inches, falling on four days, viz: 5th, 9th, 22d and 29th. Prevailing direction of the wind, N.E. There were 14 clear, 12 fair and 4 cloudy days. Thunderstorms on the 5th, 9th, 22d and 29th. Light frost on the 13th, 20th and 21st.

SCOTT COUNTY, RALPH RIGGS, Observer, Winchester. Highest temperature, 81°.0, on the 27th; lowest, 30°.0, on the 19th; range, 51°.0; greatest daily range, 38°, on the 28th; mean daily range, 20°.9; mean maximum temperature, 68°.5; mean minimum, 47°.6. The

mean temperature of the month was $59^{\circ}.1$. The precipitation was 1.70 inches, falling on two days, viz: 9th and 30th. Prevailing direction of the wind, N.&N.W. There were 10 clear, 12 fair and 8 cloudy days.

ST. CLAIR COUNTY, AUGUST GIERSCHE, Observer, New Athens. Highest temperature, 84° , on the 22d; lowest, 34° , on the 20th; mean, $57^{\circ}.33$. Rain fell on the 8th, 9th, 22d, 29th and 30th. No sleet or snow during the month. Total precipitation of rain, 1.90 inches. Frost on the 20th. Thunder on the 9th. Prevailing direction of the wind, N.&S.E. There were 10 clear, 14 fair and 6 cloudy days. The small rainfall of only 1.90 inches was entirely insufficient for a healthy development of wheat and oats. Wheat in this section is a failure, and oats, of which immense quantities were sown this spring, need rain, much rain, else it will fail also. Chinch-bugs have made their appearance, and begin already their destructive work in wheat fields. Potato-bugs, although early in the season, also begin to gratify their appetite on the young potato plants as soon as they show themselves above ground. On an average, all kinds of fruit trees in this section promise a good harvest.

TAZEWELL COUNTY, C. L. FARRINGTON, Observer, Brush Hill. Highest temperature, $+84^{\circ}$, on the 26th, 27th and 28th; lowest, $+34^{\circ}$, on the 2d and 3d; range, 50° ; greatest daily range, 40° , on the 5th; least, 4° , on the 30th; mean daily range, $17^{\circ}.6$. The mean temperature of the month, $52^{\circ}.3$, was $.2^{\circ}$ below that of April, 1887. The precipitation, 1.61 inches, was 1.45 inches below that of April, 1887, falling on six days, viz: 9th, 17th, 19th, 22d, 29th and 30th. Prevailing direction of the wind, S.E. There were 20 clear, 1 fair and 9 cloudy days. Frost on the 2d, 4th, 7th, 8th, 10th, 12th, 17th, 21st, 23d and 24th.

WHITESIDE COUNTY, Girls of '89 Second Ward High School, Observers, Sterling. Highest temperature, 80° , on the 27th; lowest, 24° , on the 6th; range, 56° ; greatest daily range, 44° , on the 6th; least, 6° , on the 12th; mean daily range, $22^{\circ}.0$; mean maximum temperature, $58^{\circ}.4$; mean minimum, $36^{\circ}.4$. The mean temperature of the month was 49° . The precipitation was 2.4 inches, falling on four days, viz: 5th, 9th, 18th and 29th. Prevailing direction of the wind, N. There were 6 clear, 12 fair and 12 cloudy days. Frost on the 1st, 2d, 4d, 6th, 11th, 18th and 23d.

METEOROLOGICAL REPORT.

Table of Daily and Mean Daily Minimum Temperatures reported by Voluntary and Signal Service Observers for the Month of April, 1888. (From Self Registering Thermometers only.)

MINIMUM TEMPERATURE.																																		
STATIONS.																																		
NORTHERN DIVISION.		Place.																																
County.																																		
McHenry	Woodstock	33	30	30	35	47	33	30	32	42	46	37	30	32	36	33	34	37	37	32	31	35	38	35	33	35	51	58	60	36	35	37	1	
Cook	Chicago	33	33	28	33	42	31	29	32	42	37	32	30	30	32	38	35	37	37	30	34	30	33	39	31	29	30	50	54	55	38	35	35	0
Kane	Aurora	33	30	26	30	52	24	32	28	40	34	36	30	34	36	32	34	40	31	34	32	36	28	26	28	50	54	54	48	40	32	36	4	
White	Sterling	37	30	29	31	46	33	32	33	35	41	35	30	32	38	43	35	34	36	36	34	37	35	30	27	48	56	58	36	32	36	2		
Wheeling	Will.	40	30	30	32	52	48	44	44	44	45	40	30	34	40	44	40	34	34	40	34	40	42	32	32	46	54	51	30	39	40	9		
Rock Island	Davenport	34	33	32	36	43	31	40	33	45	43	38	39	38	39	43	36	44	41	31	30	40	42	32	33	36	57	61	62	42	35	39	1	
Putnam	Hennepin	28	31	25	26	31	30	29	29	30	42	32	29	31	35	38	35	37	31	30	28	30	35	31	27	26	53	53	53	34	37	33	3	
Warren	Monmouth	34	34	29	34	36	32	32	30	43	46	37	31	32	40	39	35	42	37	35	30	35	38	31	28	31	49	57	54	40	38	37	0	
Livingson	Dwight	37	34	28	34	52	32	34	30	42	44	33	31	28	41	39	36	40	34	37	30	33	28	32	30	32	50	58	52	42	28	37	0	
Illinois	Waukega	41	39	36	43	61	38	41	39	48	44	44	35	43	50	40	48	45	38	32	33	43	35	36	43	57	60	61	50	42	43	8		
Peoria	Peoria	31	32	24	26	38	29	36	28	34	37	32	28	26	35	33	34	34	28	32	26	30	28	29	24	42	54	62	39	34	33	2		
Lake	Lake Forest	Mean.																																
CENTRAL DIVISION.																																		
Tazewell	Pekin	36	37	31	31	51	31	39	32	48	39	32	29	31	41	46	37	43	35	36	28	37	42	33	40	33	56	56	56	40	39	5		
Vermilion	Hoopeston	38	39	27	32	50	38	34	30	42	40	33	30	28	38	38	33	38	34	37	28	30	38	30	28	30	47	54	51	45	40	36	2	
Hancock	Keokuk, Ia.	37	35	36	40	50	33	45	37	50	44	40	30	38	42	51	41	47	30	35	29	44	47	38	38	39	54	63	60	50	41	45	5	
Cass	Ashland	42	27	33	38	51	34	42	36	46	45	42	31	30	45	46	40	42	43	39	31	39	44	35	31	36	54	58	55	36	42	41	5	
Saugamon	Springfield	45	37	38	41	51	35	48	39	50	46	45	31	36	64	51	42	48	45	44	31	43	49	38	37	38	57	59	60	61	43	44	9	
Morgan	Jacksonville	44	40	34	38	53	35	39	36	47	48	37	32	33	45	46	39	44	44	44	30	38	46	35	31	37	54	57	55	56	46	41	7	
Scott	Winchester	Mean.																																
Shelby	Windsor	Mean.																																
Pike	Louisiana, Mo	Mean.																																
Mean.	Mean.	Mean.																																

SOUTHERN DIVISION.

SOUTHERN DIVISION.																															
Fayette.....	78	57	63	72	80	60	65	50	61	67	78	59	77	62	56	52	60	77	55	56	68	76	79	81	80	52	66	0			
Vandalia.....	83	65	75	82	65	60	68	62	69	54	66	71	83	64	67	60	57	61	87	62	61	69	77	81	82	79	60	69	6		
Greenville.....	79	58	61	71	89	59	69	68	69	64	50	65	79	59	79	62	64	54	54	64	57	61	67	78	78	82	82	56	0		
Clay.....	88	68	68	79	83	62	71	70	63	64	67	59	72	69	84	69	84	65	60	53	60	69	79	81	79	72	62	70	5		
St. Clair.....	85	66	63	75	84	60	68	69	62	56	66	57	70	67	83	67	82	62	58	57	67	87	76	80	81	76	67	69	1		
Collinsville.....	87	54	68	82	76	70	68	66	62	56	48	54	74	82	74	68	60	56	50	56	70	78	82	80	72	48	52	65	9		
Nascentau.....	82	58	61	75	78	61	69	69	64	58	66	49	61	68	82	64	81	63	62	52	57	83	58	68	77	80	79	77	30	67	1
Washington.....	82	58	61	75	78	61	69	69	64	58	66	49	61	68	82	64	81	63	62	52	57	83	58	68	77	80	79	77	30	67	1
Richview.....	82	58	61	75	78	61	69	69	64	58	66	49	61	68	82	64	81	63	62	52	57	83	58	68	77	80	79	77	30	67	1
Saline.....	82	58	61	75	78	61	69	69	64	58	66	49	61	68	82	64	81	63	62	52	57	83	58	68	77	80	79	77	30	67	1
Harrisburg.....	82	58	61	75	78	61	69	69	64	58	66	49	61	68	82	64	81	63	62	52	57	83	58	68	77	80	79	77	30	67	1
Perry.....	85	68	75	83	83	68	73	59	66	73	89	68	89	63	73	60	67	87	63	65	73	79	83	87	89	55	74	0			
Old DuQuoin.....	82	74	73	81	80	61	69	67	64	72	82	74	82	74	69	53	64	80	60	57	71	76	77	77	80	64	71	3			
Alexander.....	82	74	73	81	80	61	69	67	64	72	82	74	82	74	69	53	64	80	60	57	71	76	77	77	80	64	71	3			
Mean.....	82	74	73	81	80	61	69	67	64	72	82	74	82	74	69	53	64	80	60	57	71	76	77	77	80	64	71	3			
State.....	82	74	73	81	80	61	69	67	64	72	82	74	82	74	69	53	64	80	60	57	71	76	77	77	80	64	71	3			

METEOROLOGICAL REPORT.

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Monthly Summary of Meteorological Reports—Continued.

PLACE OF OBSERVATION.	Altitude above sea level.	Latitude N.	Longitude W.	TEMPERATURE.— <i>Deg. Fahr.</i>						PRECIPITATION.				No. of Days.				Prevailing direction of wind.	NAME OF OBSERVER.			
				Monthly mean.	Mean of Maximum.	Mean of Minimum.	Max.		Min.	Monthly range.	Mean daily range.	Total inches rain and melted snow.	Greatest daily.	Date.	Total snowfall.	On ground at end of month.	Clear.			Fair.	Cloudy.	On which .01 inch or more precip. fell.
							Degree.	Date.															Degree.	Date.
Irishtown.....	38 40 89 30 58.0	...	...	...	...	...	86.0	22	37.0	20 49.0	...	...	...	1.77	...	...	25	0	5	3	S.	Wm. Rogan.
Centralia.....	492 38 33 89 10 60.5	...	...	...	...	...	89.0	28	36.0	13 53.0	23.0	...	...	1.40	...	...	21	4	6	4	N.E.&S.E.	J. L. Hallam.
Mascoutah.. St. Clair.....	38 30 89 50 55.0	...	...	...	...	...	89.0	28	36.0	12 57.0	23.7	...	...	1.50	...	...	21	3	6	4	S.	Dr. G. Leibrick.
Albion.....	38 24 88 6 36.1	...	...	...	...	...	85.0	25	32.0	13 53.0	21.2	...	...	2.21	...	...	13	11	2	4	S.	B. T. Michels.
Fairfield.....	530 38 20 89 20 60.2	...	...	...	...	...	85.0	28	32.0	13 53.0	21.2	...	...	1.43	...	...	17	11	2	4	N.W.&S.E.	Jacob Hall.
Wayne.....	580 38 20 89 10 56.8	...	...	...	...	...	83.0	22	31.8	20 51.4	22.1	...	...	2.26	...	...	10	14	6	3	N.E.&S.E.	A. G. Tucker.
Ritchview.....	38 16 89 55 57.3	...	...	...	...	...	84.0	22	34.0	20 50.0	...	...	...	1.90	...	...	12	10	8	5	N.W.&S.E.	August Gierschner.
New Athens, St. Clair.....	38 14 89 30 55.4	...	...	...	...	...	84.0	28	32.0	12 52.0	...	...	...	1.82	...	...	19	7	4	4	N.W.	J. A. Anderson.
Three-Mile, Perry.....	38 14 89 48 58.8	...	...	...	...	...	86.0	22	33.0	13 56.0	24.8	...	...	1.48	...	...	16	10	4	5	N.E.	Wm. P. Gibbs.
Jordan's Grove, Randolph	38 7 80 35 58.5	...	...	...	...	...	86.0	22	32.0	13 54.0	...	...	...	1.05	...	...	13	12	5	3	S.	John McPherson.
McLeansboro Hamilton.....	37 46 88 35	...	...	...	...	...	87.0	17	38.0	13 49.0	...	...	...	2.36	...	...	21	4	5	5	E.&S.	Grigg & Grace.
Benton.....	37 25 88 25 60.5	...	...	...	...	...	87.0	17	42.0	20 45.0	...	...	...	3.08	...	...	13	12	5	8	N.	J. E. Y. Hanna.
Harrisburg.....	37 7 89 11	...	...	...	...	...	82.5	17	40.0	20 42.5	18.8	...	...	1.20	...	...	18	7	5	4	S.E.&S.	Dr. B. C. Taber.
Goconda.....	359 37 0 89 10 61.4	...	...	...	...	...	82.5	17	40.0	20 42.5	18.8	...	...	1.83	...	...	15	8	7	5	S.E.	C. L. Bozzell, S.S. Obs.
Mound City.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pulaski.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alexander.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
State Averages.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Not included when calculating the means.

COMPARATIVE MEAN TEMPERATURE AND PRECIPITATION FOR APRIL, 1888.

STATIONS.		MEAN TEMPERATURE, Deg. Fahrenheit.				PRECIPITATION, Inches and hundredths.			
		Normal.	No. of years.	Feb., 1888.	Departure + or -.	Normal.	No. of years.	Feb., 1888.	Departure + or -.
NORTHERN DIVISION.									
<i>County.</i>	<i>Place.</i>								
Lake	Lake Forest.....	43.7	2	43.3	-0.5	1.74	2	1.77	+0.03
McHenry.....	Riley	44.4	27	43.7	-0.7	2.70	27	2.16	-0.54
Stephenson.....	Cedarville.....	47.4	3	45.7	-1.7	1.63	3	1.58	-0.05
Cook.....	Chicago.....	46.0	16	45.4	-0.6	3.31	16	2.13	-1.18
Kane.....	Aurora.....	47.6	9	46.0	-1.6	3.20	9	2.08	-1.12
DeKalb.....	Sycamore.....	46.6	7	44.3	-2.3	3.73	7	2.05	-1.68
Kendall.....	Oswego.....	45.8	8	45.1	-0.7	3.20	8	1.59	-1.61
LaSalle.....	Ottawa.....								
Rock Island.....	Davenport, Ia.....	49.5	16	49.5	0.0	2.94	16	1.57	-1.37
Peoria.....	Peoria.....	52.3	32	53.6	+1.3	3.05	32	1.18	-1.87
Iroquois.....	Watseka.....	50.6	3	48.9	-1.7	2.19	3	2.11	-0.07
CENTRAL DIVISION.									
Ford.....	Melvin.....								
Tazewell.....	Pekin.....	55.7	3	54.3	-1.4	2.34	6	2.05	-0.29
Hancock.....	Keokuk, Iowa.....	51.5	16	53.2	+1.7	2.94	16	1.85	-1.09
Champaign.....	Philo.....	52.7	3	52.2	-0.5	2.84	3	2.62	-0.22
Sangamon.....	Springfield.....	53.5	9	53.4	-0.1	3.52	9	1.41	-2.11
Pike.....	Griggsville.....					3.98	8	1.25	-2.76
Pike.....	Louisiana, Mo.....								
Coles.....	Mattoon.....	50.9	8	50.0	-0.9	3.88	8	2.15	-1.73
Christian.....	Pana.....					3.69	5	3.50	-0.10
Shelby.....	Windsor.....	53.9	3	50.3	-3.6	2.27	3	2.17	-0.10
Greene.....	White Hall.....	55.6	3	57.9	+1.3	4.38	3	0.99	-3.39
Adams.....	Payson.....								
SOUTHERN DIVISION.									
Crawford.....	Palestine.....	54.3	6	56.9	+2.6	3.74	6	2.08	-1.66
Bond.....	Greenville.....	56.0	9	55.9	-0.1	5.28	5	2.28	-3.00
Madison.....	Collinsville.....	55.0	9	57.4	+2.4	3.09	6	2.36	-0.73
Lawrence.....	Sumner.....	53.7	3	56.2	+2.5	5.52	2	1.40	-4.12
Clay.....	Flora.....	52.4	3	54.0	+1.6	3.49	3	1.42	-2.07
Clinton.....	Irishtown.....	56.9	2	58.0	+1.1	3.02	3	1.77	-1.25
St. Clair.....	St. Louis, Mo.....	55.7	16	58.1	+3.4	3.49	16	1.88	-1.61
Washington.....	Richview.....	56.3	3	56.8	+0.5	3.04	3	2.26	-0.78
Hamilton.....	McLeansboro.....	56.4	6	58.5	+2.1	4.18	6	1.48	-2.70
Pope.....	Golconda.....	58.6	9	60.5	+1.9	4.20	9	2.36	-1.94
Alexander.....	Cairo.....	58.5	16	61.4	+2.9	4.14	16	3.08	-1.06
Wayne.....	Fairfield.....	60.2	5	60.2	0.0	4.08	5	1.43	-2.65

COMPARATIVE METEOROLOGICAL DATA FOR ILLINOIS DURING APRIL.

Nature of Data.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.
Highest pressure, inches.....	30.330.....	30.348.....	30.450.....	30.450.....	30.390.....	30.600.....	30.571.....	30.747.....
Lowest " ".....	29.810.....	29.130.....	29.007.....	29.198.....	29.287.....	29.339.....	29.170.....	29.476.....
Mean " ".....	30.015.....	29.910.....	29.894.....	29.898.....	29.965.....	29.987.....	29.983.....	30.110.....
Range of " ".....	1.020.....	1.218.....	1.443.....	1.262.....	1.103.....	1.261.....	1.401.....	1.372.....
Highest temperature, degrees..	87.....	90.....	90.....	89.....	87.....	92.....	95.....	89.....
Lowest " ".....	9.....	18.....	23.....	24.....	19.....	27.....	24.....	24.....
Mean " ".....	46.4.....	53.5.....	51.3.....	50.4.....	51.7.....	54.7.....	53.3.....	52.9.....
Range of " ".....	78.....	72.....	67.....	65.....	68.....	85.....	83.....	65.....
Greatest daily range of temp.deg.	37.....	33.1.....	38.....	40.....	42.....	42.....	59.....	41.....
Least " ".....	1.....	0.5.....	1.....	0.6.....	0.....	0.....	0.5.....	2.....
Mean " ".....	14.8.....	15.....	16.....	14.1.....	16.2.....	16.0.....	22.0.....	22.0.....
Mean relative humidity, per cent..	69.....	66.....	66.....	71.....	65.....	74.....	61.....	63.5.....
Average number of clear days.....	10.....	9.....	8.....	8.....	5.....	11.....	13.....	15.....
Average number of fair days.....	8.....	9.....	9.....	10.....	13.....	8.....	11.....	8.....
Average number of cloudy days.....	12.....	12.....	13.....	12.....	12.....	11.....	6.....	7.....
Average number of days on which .01 inch or more precip. fell..	8.....	9.....	9.....	9.....	11.....	8.....	6.....	5.....
Greatest monthly precipitation, in	.....	6.72.....	6.98.....	5.30.....	7.45.....	6.30.....	6.30.....	3.50.....
Least monthly precipitation, in	.....	1.40.....	1.49.....	20.....	1.43.....	1.29.....	0.38.....	0.70.....
Average monthly precipitation, in.	2.60.....	3.84.....	4.17.....	2.81.....	4.48.....	3.06.....	2.60.....	1.83.....
Prevailing direction of wind.....	.....	.....	.....	N.E.....	S.E.....	S.&S.E.....	S.W.....	S.E.....
Average snow fall, in inches.....	.....	.....	.....	3.3.....	1.3.....	4.4.....	×.....	1.3.....

× Inappreciable.

[illegible]

BAROMETER FOR APRIL, 1888.

STATIONS.	Mean.	Highest.	Date.	Lowest.	Date.	Range.
NORTHERN DIVISION.						
Lake Forrest.....	29.967	30.401	12	29.475	10	0.926
Chicago.....	30.150	30.540	12	29.580	1	0.960
Aurora.....	30.069	30.413	12	29.528	1	0.885
Prairieville.....	30.013	30.350	24	29.550	1	0.700
Oswego.....	30.222	30.572	24	29.698	1	0.874
Monmouth.....						
*Lacon.....	29.784	30.150	24	29.150	9	1.000
*Peoria.....	29.692	30.072	12	29.168	1	0.904
Watseka.....	30.148	30.492	24	29.567	1	0.925
Kankakee.....	29.872	30.145	12	29.360	15	0.785
Davenport, Ia.....	30.121	30.557	12	29.607	1	0.950
*Waraga.....	29.770	30.210	12	29.300	5, 9	0.910
*Warren.....	30.120	30.220	24	28.900	29	1.320
Rockford.....	29.620	30.140	23	29.330	21	0.810
Mean.....	30.103					
CENTRAL DIVISION.						
Pekin.....	30.300	30.747	12	29.743	1	1.003
Keokuk, Ia.....	30.093	30.560	12	29.580	1	0.950
*Hoopeston.....	29.394	29.780	12	28.850	1	0.930
Springfield.....	30.153	30.550	12	29.600	1	0.950
Griggsville.....	30.082	30.400	12	29.700	1	0.700
Windsor.....	30.153	30.641	12	29.541	1	1.100
*Martinsville.....	29.451	29.751	24	28.970	1	0.780
Jacksonville.....	30.077	30.528	12	29.505	1	1.023
Philo.....	30.120	30.350	6	29.800	5	0.550
Mean.....	30.125					
SOUTHERN DIVISION.						
Vandalia.....	30.050	30.340	12	29.680	9	0.660
St. Louis Mo.....	30.123	30.520	12	29.560	1	0.960
Richview.....	30.099	30.497	12	29.503	1	0.994
Cairo.....	30.135	30.440	12	29.670	1	0.770
Mean.....	30.102					
State.....	30.110					

*Not corrected for elevation.

**List of Signal Service Display Stations established by the Illinois State
Weather Service since July 1, 1887.**

(These places receive the weather indications daily, except Sunday, at Government expense. Any prominent point in the State can secure this information free by securing a flag staff and a set of the Weather and Temperature flags advertised on preceding pages. Many of the smaller towns can secure the information by telephone, or by an early mail from the nearest display station, for which purpose official postal cards will be furnished free upon application to this Office.)

COUNTY.	PLACE.	NAME OF DISPLAYMAN.
Adams	Camp Point.....	Geo. W. Cyrus
	Quincy.....	J. Stern & Sons.....
Bond	Greenville	M. S. Oudyn.....
Bureau.....	Buda.....	C. P. Mason.....
Carroll.....	Lanark.....	L. G. Burrows.....
Christian.....	Taylorville.....	Geo. A. Brua.....
Clark.....	Martinsville.....	S. A. Fasig.....
Coles.....	Mattoon.....	M. Kahn & Co.....
Crawford.....	Robinson.....	P. Walker.....
DeKalb.....	Sycamore.....	The True Republican.....
DeWitt.....	Clinton.....	McIntosh & Son.....
Douglas.....	Tuscola.....	J. C. Jewell.....
Edgar.....	Paris.....	Paris Republican.....
Effingham.....	Effingham.....	H. Weichelman.....
Fayette.....	Vandalia.....	Jos. Urban.....
Ford.....	Gibson City.....	P. A. Coal.....
	Paxton.....	J. W. Lambert.....
Franklin.....	Benton.....	John McPherson.....
Fulton.....	Lewistown.....	A. C. Atherton.....
Greene.....	Carrollton.....	Jas. P. Morrow.....
Grundy.....	Morris.....	Geo. W. Bartlett.....
Hamilton.....	McLeansboro.....	J. R. Campbell.....
Hancock.....	Carthage.....	Jos. A. Spangler.....
Henry.....	Galva.....	E. E. Fitch.....
Iroquois.....	Watseka.....	Henry Upsall.....
JoDaviess.....	Galena.....	Fr. Schaub.....
Kane.....	Elgin.....	W. A. Mansfield.....
	Aurora.....	Holmes Miller & Sons.....
Knox.....	Galesburg.....	A. G. Anderson.....
LaSalle.....	Ottawa.....	M. Steifel.....
	Mendota.....	R. H. Ruggles.....
Lawrence.....	Bridgeport.....	G. W. Barr.....
Lee.....	Dixon.....	W. L. Foote.....
Livingston.....	Fairbury.....	Wade Brothers.....
Livingston.....	Pontiac.....	Lutyn & Co.....
Logan.....	Cornland.....	Jno. P. Gillett.....
Macon.....	Decatur.....	John Irwin.....
Macoupin.....	Carlinville.....	J. W. Lumpkin.....
Madison.....	Alton.....	Saml. Hays.....

COUNTY.	PLACE.	NAME OF DISPLAYMAN.
Marion.....	Centralia.....	London Clothing Co.....
Marshall.....	Lacon.....	E. L. Buchanan.....
McDonough.....	Macomb.....	Journal Printing Co.....
McDonough.....	Colchester.....	'News'.....
McHenry.....	Woodstock.....	A. S. Wright.....
McLean.....	Bloomington.....	W. O. Davis.....
Mercer.....	Aledo.....	John W. Edwards.....
Montgomery.....	Litchfield.....	N. S. Cowen.....
Ogle.....	Byron.....	Geo. H. Ades.....
Pike.....	Griggsville.....	L. W. McMahon.....
Peoria.....	Peoria.....	Comstock, Avery & Co.....
Pulaski.....	Mound City.....	Romeo Friganza.....
Putnam.....	Hennepin.....	C. & W. Eddy.....
Randolph.....	Chester.....	C. S. St. Vrain.....
Richland.....	Olney.....	F. M. Bourell.....
Saline.....	Harrisburg.....	Gregg & Grace.....
Shelby.....	Windsor.....	A. H. Hatch.....
St. Clair.....	Belleville.....	Curt Heinfelden.....
Stephenson.....	Freeport.....	Jos. Emmert.....
Tazewell.....	Pekin.....	B. C. Allenworth.....
Union.....	Cobden.....	John Buck.....
Warren.....	Monmouth.....	Smith & Dunbar.....
Will.....	Joliet.....	F. B. Loenard.....
Williamson.....	Centerville.....	F. C. Zimmermann.....

ILLINOIS STATE FAIR—OLNEY, SEPTEMBER 24-28, 1888.
AMERICAN HORSE SHOW—CHICAGO, NOVEMBER 13-24, 1888.
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 13-24, 1888.
AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 13-24, 1888.
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 13-24, 1888.

STATISTICAL REPORT

— OF THE —

ILLINOIS STATE BOARD OF AGRICULTURE,

— FOR —

JUNE 1, 1888.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.,

— MADE TO THE —

Illinois Department of Agriculture.

CHARLES F. MILLS, SECRETARY,
Springfield.

CIRCULAR 140.

SPRINGFIELD, ILL.:
ILLINOIS STATE JOURNAL COMPANY.
1888.

Illinois State Board of Agriculture.

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ILLINOIS CROP REPORT,

—FOR—

JUNE, 1888.

Synopsis of the Reports of Correspondents upon the Condition of the Growing
Crops, Etc.

ILLINOIS DEPARTMENT OF AGRICULTURE, }
SPRINGFIELD, June 1, 1888.

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of June.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to the Department.

A large number of the correspondents have been reporting to this Department during the past twelve years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality.

The State covers such an extended area from north to south (385 miles), and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of the crops.

CORN.

The area planted to corn in Illinois this spring is five per cent. larger than in 1887. In the Northern Division of the State the area is one per cent. less than that of 1887. There was an increase in the area planted in this section in the following counties as noted: Carroll, 103 per cent.; Cook, 102; DeKalb, 105; DuPage, 103; Iroquois, 102; Knox, 102; McHenry, 107; Mercer, 104; Ogle, 103; Rock Island, 102; Stark, 102; Stephenson, 103; Warren, White-side and Woodford, 102.

The condition of the crop is encouraging for but 82 per cent. of an average yield per acre in the Northern Division. In the counties named, over 90 per cent. of an average yield per acre may be expected: Will, 92 per cent.; Kankakee, 93; DeKalb and McHenry, 95; DuPage, 98 per cent.

In the Central Division the area is two per cent. larger than last season. Only in the counties named below is there a decrease in the area: Calhoun, 93 per cent.; Cumberland, 98; DeWitt, 97; Ford, 98; Hancock, 99; Logan, 97; McDonough, 97; McLean, 92; Menard, 96; Pike, 93 per cent.

Three counties only in Central Illinois report the prospect encouraging for an average yield per acre, viz: Coles, Greene and Scott. In the remaining counties in this division the condition is such as to give encouragement for 90 per cent. of an average crop.

In the Southern Division the area planted this spring is four per cent. larger than last season. In Edwards county the area planted is but 80 per cent. of the area of 1887. In Crawford, Hamilton, Jackson, Pulaski and Randolph the area is upwards of 90 per cent. as compared with last season, and in all the remaining counties in Southern Illinois the area is as large, or larger, than a year ago. The following counties report the condition of corn up to seasonable average: Alexander, Clinton, Effingham, Fayette, Gallatin, Jackson, Randolph and St. Clair. In the remaining Southern counties the condition is such as to bring the average for the Division down to 92 per cent.

The quality of the seed planted this spring is nearly up to an average, that in the Central Division being quite as good as that usually planted.

The first appearance of the corn above ground was in Saline county, on April 5th, but comparatively little was visible before the first of May.

BROOM CORN.

Some attention is given to the cultivation of this crop in thirty-nine counties. The area is not quite so large as last season.

The condition of the crop is encouraging for an average, or better, yield per acre in the following counties: Alexander, Champaign, Clark, Clinton, Crawford, DeKalb, Fayette, Greene, Montgomery, Perry, Randolph, Washington and Wayne. In all but one the remaining counties in which the crop is raised, the conditions are favorable for upwards of 75 per cent. of an average yield per acre.

SORGHUM.

In three-fourths of the counties in the State sorghum is cultivated, and the area is larger than in 1887.

The condition of the crop is not favorable for over 90 per cent. of an average yield per acre.

WINTER WHEAT.

In the Northern and Central Divisions of the State the condition of winter wheat has improved somewhat during the past month, but is not so good as on June 1, 1887.

Much damage is reported in the Southern and Central portions of the State by the chinch-bug. Drouth has also retarded the growth of the plant in Southern Illinois, so but little over half an average yield per acre may be expected.

In but three counties in the State is the June 1 condition of winter wheat up to an average, viz: Boone, 105; JoDavies and Alexander, 100.

A table published elsewhere in this report gives the condition of winter wheat in each county in the State.

SPRING WHEAT.

The condition of this crop is somewhat better than it was a month ago, and with favorable conditions until harvest, nearly a full average yield per acre may be expected.

OATS.

The area seeded to oats this season is four per cent. larger than that of 1887. Much of the land which was seeded to winter wheat last fall was plowed up this spring and planted to corn and oats. This is especially noticeable in the Southern Division of the State, where the area is ten per cent. larger than in 1887.

The most encouraging reports as to the condition of oats come from Northern Illinois, where the average condition is 102 per cent. In all except the counties named below, the condition is up to or above an average: Henderson, 93; Kendall, 97; Knox, 99; LaSalle, 99; Livingston, 99; Ogle, 95; Peoria, 98; Whiteside, 98.

The outlook for oats in the Central Division of the State is favorable for 99 per cent. of an average yield per acre. In the following counties a full average yield per acre may be expected: Cass, 100; Champaign, 102; Christian, 108; Coles, 101; Ford, 107; Fulton, 101; Hancock, 102; Jersey, 105; Macon, 103; Moultrie, 103; Piatt, 110; Pike, 100; Sangamon, 102; Schuyler, 103; Scott, 110; Tazewell, 102; Vermilion, 103.

But 90 per cent of an average yield per acre may be expected in Southern Illinois, on account of the dry weather. The prospect is favorable for a full average yield per acre in the following counties, viz: Clinton, Fayette, Jackson, Madison, Pope and Union, 100; Hardin, 112; St. Clair, 110. In a table published elsewhere in this report will be found the condition of oats June 1, 1888, as well as on the corresponding date for a term of years.

BARLEY.

The area seeded to barley in 1888, as compared to 1887, is as follows in the counties where the crop is raised: Madison, 125 per cent.; Bureau, Randolph and Washington, 110; Lake, 107; Alexander, Carroll, Clinton, DuPage, JoDaviess, Marshall, McDonough, Rock Island, Stark, Whiteside and Woodford, 100; Henry, 97; DeWitt, 95; DeKalb, 93; Kane and Stephenson, 92; Boone, 85; McHenry and Will, 80; Ogle, 75; Winnebago, 65; Iroquois, 50.

The condition of the crop June 1 is as noted, viz: Alexander, 100; Boone, 97; Bureau, 100; Carroll, 97; Clinton, 90; DeKalb, 103; DeWitt, 100; DuPage, 100; Henry, Iroquois and JoDaviess, 100; Kane and Lake, 103; Madison, 100; Marshall, 102; McHenry, 100; Ogle, 80; Randolph, 110; Rock Island, 95; Stark, 85; Stephenson, 100; Washington, 100; Whiteside, 100; Will, 90; Winnebago, 83; Woodford, 100 per cent.

RYE.

The condition of this crop has improved during the last month and with favorable conditions until harvest, nearly 90 per cent. of an average yield may be expected. The most favorable outlook is in the Northern Division, where the average condition is 95 per cent. In Boone, Carroll, DeKalb, Kane and Lake counties, a better than an average yield per acre may be anticipated.

In the Central Division of the State an average or better yield per acre may be expected in Cass, Macon, Mason, Moultrie, Sangamon and Scott counties.

The outlook in Southern Illinois is more unfavorable than in other sections of the State. In but six counties will there be an average yield per acre.

In a table published elsewhere in this report will be found the condition of the crop in each county in the State.

FLAX.

The area devoted to flax this season is not so large by sixteen per cent. as in 1887. Only fifteen counties reported any flax sown.

The condition of the crop June 1 is such that 94 per cent. of an average yield per acre may be anticipated.

COTTON.

In Williamson, the only county where any attention is paid to cotton, the area and condition is up to an average.

TOBACCO.

In the thirty counties in which tobacco is raised, the area is not quite so large as last season.

The condition of the crop is as follows in the counties named: Alexander, 90; Bond, 50; Brown, 100; Clark, 93. Coles, 90; Crawford, 97; Cumberland, 100; Effingham, 87; Fayette, 100; Franklin, 90; Gallatin, 100; Hamilton, 83; Hardin, 100; Jackson, 50; Jasper, 100; Johnson, 100; Madison, 00; Perry, 80; Pulaski, 97; Randolph, 110; Saline, 90; Shelby, 93; Stephenson, 100; Warren, 100; Washington, 90; Wayne, 90; White, 50; Will, 85; Williamson, 90.

MEADOWS.

There is a considerable decrease in the area of meadows this season as compared with 1887. In the Southern Division of the State the new species of cut-worm, which is doing so much damage to all kinds of vegetation, has attacked the clover and the outlook is very discouraging. The most favorable prospect for hay is in Northern Illinois, where the June 1 condition is favorable for 94 per cent. of an average yield per acre. In the Central portion of the State 84 per cent. of an average yield per acre may be expected, while with favorable conditions until harvest not over two-thirds of an average yield per acre may be expected in Southern Illinois.

PASTURES.

The area in pastures this spring is not so large as a year ago, owing to the unfavorable conditions for the growth of grass during the past year. The area and condition in the Northern portions of the State, which has been visited with more copious rains than Central and Southern Illinois, are nearly up to an average, 98 per cent. In Central Illinois the condition of pastures is 85 per cent. of an average, while in the Southern Division the June 1 condition is but 73 per cent.

Attention is invited to a table published elsewhere in this report giving the area and condition of pastures June 1, 1888, together with their condition at corresponding date for a term of years.

IRISH POTATOES.

The area devoted to Irish potatoes in the Northern Division is as large, or larger, than last season in all except four counties, viz: Bureau, 99 per cent.; Henderson, 97, and Putnam, 95. The condition of the crop in this section is not so good as usual on corresponding

the following counties a full average yield per acre may be expected: Carroll, Cook, Henry, Kendall, Lee and Rock Island, 100; De Kalb and Mercer, 101; Du Page, 202; Knox and Whiteside, 103; McHenry, 105; Warren, 106.

The area is as large as in 1887 in the Central Division and the condition of the crop is better than further North. Nearly a full average yield per acre may be expected in this section, should there be no unfavorable conditions.

There is an increase of two per cent. in the area in Irish potatoes in the Southern Division of the State, as compared with a year ago. The condition is not quite so good as in Central Illinois, but over 90 per cent. of an average yield per acre may be expected. In the following counties in this section an average, or better, yield per acre is anticipated: Alexander, 110; Bond, 100; Clinton, 100; Edwards, 100; Fayette, 104; Gallatin, 102; Hardin, 112; Johnson, 103; Lawrence, 100; Marion, 100; Pulaski, 107; St. Clair and Union, 100 per cent.

SWEET POTATOES.

The area and condition of sweet potatoes in the counties where they are raised is as follows: Alexander, area 100, condition 90; Bond, area 100, condition 100; Brown, area 85, condition 95; Cass, area 127, condition 87; Champaign, area 105, condition 95; Christian, area 99, condition 91; Clark, area 102, condition 93; Clay, area 112, condition 100; Clinton, area 100, condition 95; Coles, area 100, condition 89; Crawford, area 97, condition 73; Cumberland, area 97, condition 85; DeWitt, area 100, condition 92; Douglas, area 97, condition 100; Edgar, area 83, condition 100; Edwards, area 100, condition 100; Effingham, area 92, condition 92; Fayette, area 97, condition 100; Ford, area and condition 100; Franklin, area 100, condition 90; Fulton, area 97, condition 92; Gallatin, area 98, condition 93; Greene, area 95, condition 85; Grundy, area 100, condition 95; Hamilton, area 100, condition 72; Hancock, area 102, condition 93; Hardin, area 100, condition 115; Henderson, area and condition 100; Henry, area 102, condition 100; Iroquois, area and condition 100; Jackson, area 100, condition 90; Jasper, area 103, condition 95; Jefferson, area 100, condition 82; Jersey, area 100, condition 90; Johnson, area 103, condition 100; Knox, area 90, condition 85; Lawrence, area 98, condition 95; Lee, area 98, condition 100; Livingston, area 100, condition 87; Logan, area 100, condition 92; Macon, area 100, condition 97; Macoupin, area 107, condition 97; Madison, area 100, condition 87; Marion, area 77, condition 87; McDonough, area 100, condition 100; McLean, area 97, condition 92; Menard, area 87, condition 87; Montgomery, area 100, condition 95; Morgan, area 100, condition 90; Moultrie, area, 97, condition 94; Ogle, area and condition 100; Peoria, area 92, condition 85; Perry, area 102, condition 96; Pike, area and condition 100; Pope, area 90, condition 80; Pulaski, area 83, condition 100; Putnam, area 87, condition 75; Randolph, area 102, condition 97; Richland, area 95, condition 91; Rock Island, area and condition 100; Sangamon, area and condition 105; Schuyler, area 100, condition 90; Scott, area and condition 90; Shelby, area 95, condition 87; Stark, area 99, condition 94; Tazewell, area and condition 100; Union, area 105, condition 100; Vermilion, area 100, condition 93; Wabash, area and condition 87; Warren, area 100, condition 105; Washington, area 101, condition 83; Wayne, area 102, condition 88; White, area 100, condition 67; Whiteside, area and condition 100; Will, area and condition 100; Williamson, area 100, condition 101; Woodford, area 100, condition 88.

FRUIT.

Tables published elsewhere in this report give the amount of bloom and the June 1 condition of apples, peaches, pears, plums, cherries, grapes, strawberries, raspberries, blackberries, gooseberries and currants in each county in the State.

APPLES.

Nearly half the counties in the State report the amount of apple bloom as good as an average. In but three counties, DeKalb, DuPage and Madison, was there less than three-fourths of an average amount of bloom.

The condition of the fruit on June 1 is below an average in all except the counties named: Adams, Alexander, Brown, Iroquois, Johnson, Macon, Morgan, Piatt, Saline, Schuyler, Union and Whiteside, 100; Logan, 102; Menard, 103; Edgar, 104; Scott and Vermilion, 105; McHenry and Pike, 110 per cent.

The frosts which occurred late in May did great damage to apples and all other fruits, and there is some complaint of damage done by the leaf-roller and canker-worm.

PEACHES.

The amount of bloom on peach trees was up to an average in over half the counties which make reports on peaches.

The condition of the fruit is above an average in the majority of counties reporting.

PEARS.

All but six counties making reports on pears, report over three-fourths of an average amount of bloom.

The condition of the fruit is not good; in but few of the counties may an average yield be expected, viz: Alexander, Clinton, Coles, DeWitt, Douglas, Edwards, Fayette, Hardin, Johnson, Knox, Lake, Macon, Moultrie, Ogle, Pope, Richland, Stark, Stephenson, Tazewell, Union, Vermilion and Whiteside, 100; Macoupin, 102; Jasper, 105.

PLUMS.

There was nearly an average amount of bloom on the plum trees this spring, and the June 1 condition is such that three-fourths or more of an average yield may be expected.

CHERRIES.

In the following counties there was an average, or greater, amount of bloom this spring: Bond, 102 per cent.; Champaign and Clinton, 100; Cumberland, 105; DeWitt, 110; Edwards, Fayette and Ford, 100; Greene and Hardin, 105; Jackson, 100; Jefferson, 102; Jersey and Johnson, 100; Logan, 102; Macoupin, 104; Morgan, 103; Ogle, 100; Perry, 102; Piatt and Pike, 100; Richland, 107; Sangamon, Schuyler and Scott, 100; Shelby, 105; St. Clair, Union, Vermilion, Wabash and Wayne, 100.

In but few counties is the June 1 condition up to a seasonable average, viz: Alexander, 100; Clinton, 110; Edgar, 105; Jackson and Johnson, 100; Macoupin, 102; Ogle, 100; Pulaski, 102; Randolph, 103; Scott and Union, 100.

The cherry trees in many portions of the State are dead, and the present prospect is for only a small crop.

GRAPES.

There was a fair amount of bloom on the grape vines, and with no untoward circumstances there will be from three-fourths to an average yield.

STRAWBERRIES.

There was from three-fourths to an average amount of bloom in most of the counties, but the blossom was killed by the late frosts and the June 1 condition warrants the expectation of an average crop only in the counties named: Alexander, 100; Boone, 104; Carroll, 100; Cook, 100; DeKalb, 104; Hardin, 100; Iroquois, 100; JoDaviess, 105; Kane, 110; Lake, 105; LaSalle, 100; Madison, 102; Mason, Ogle, Perry and Pike, 100; Pope, 105; Shelby, 104; Warren, 100; Wayne, 102; Whiteside, 100; Winnebago, 105.

RASPBERRIES.

Less than a quarter of the counties in the State report an average amount of raspberry bloom this spring, and an average crop may be expected only in the following counties, viz: Alexander, Brown, Carroll, Clinton, Douglas, Gallatin, Hamilton, Iroquois, Jasper, Jefferson, Johnson, Kankakee, Knox, Lawrence, Madison, Ogle, Perry, Pike, Pope, Pulaski, Whiteside and Will, 100; Edgar, 101; Henderson, 102.

BLACKBERRIES.

In the counties named below there was an average, or greater, amount of bloom: Adams, Alexander, DuPage, Hardin, Henry, Iroquois, Jackson, Jersey, Johnson, Kankakee, Kendall, Lake, Macon, Marion, Mason, Ogle, Perry, Pulaski and Union, 100; Calhoun, Madison and Putnam, 102; Knox and Peoria, 106.

The June 1 condition of the crop in counties in which an average or better yield may be expected, is as follows, viz: Adams, Alexander, Calhoun, DuPage, Hardin, Henry, Iroquois, Jackson, Johnson, Knox, Lake, Macon, Madison, Marion, Mason, Ogle, Perry, Pulaski and Rock Island, 100; DeKalb, 105.

GOOSEBERRIES.

The amount of bloom was as large as usual in over a third of the counties in the State. The following is the June 1 condition of the fruit in counties in which an average, or better, yield may be expected: Alexander, Brown, Calhoun, Carroll, Clinton, Edwards, Franklin, Jefferson, JoDaviess, Johnson, Lake, LaSalle, Macon, Mason, Morgan, Moultrie, Ogle, Peoria, Pulaski, Rock Island, Sangamon, Scott, St. Clair, Union and Wabash, 100; Cass and Clay, 105; Greene, 102; Knox, 106; Logan, 102; Marion, 101; Richland, 104; Schuyler, 103; Shelby, 101.

CURRENTS.

Only the counties named report an average amount of bloom this spring: Alexander, Brown, Calhoun, Carroll, Clay, Franklin, Iroquois, Jackson, Johnson, Lawrence, Macon, Mason, McHenry, Morgan, Moultrie, Perry, Pulaski, St. Clair, Wabash, Wayne, White, Whiteside and Williamson, 100; Greene, 103; Logan, Peoria and Schuyler, 102.

An average crop may be expected in the following counties: Alexander, Brown, Calhoun, Carroll, Franklin, Jackson, Johnson, Lawrence, Lee, Macon, Mason, McHenry, Morgan, Perry, Pulaski, Sangamon, Schuyler, St. Clair and Williamson, 100; Clay, 105; Logan, 101; Scott, 102. The currant bushes are nearly all killed in many parts of the State, and but few currants are raised.

LIVE STOCK.

On account of the dearth of pasturage the past year, farmers generally have sold off a portion of their stock, so the number is not quite so large as is usual at this season.

COLTS.

In the following counties there is an increase in the number of colts foaled this season as compared with last spring, viz: Adams, 110; Alexander, 102; Brown, 107; Carroll, 102; Clark, 102; Gallatin, 102; Greene, 105; Hardin, 110; Jasper, 103; Jefferson, 105; Lake, 102; Macoupin, 105; McHenry, 105; Menard, 101; Morgan, 105; Pike, 112; Pulaski, 105; Richland, 102; Scott, 110; Vermilion, 107; Washington, 102; Wayne, 103; Whiteside, 107.

In the counties named below the condition of colts is the same as in 1887: Cass, Christian, Clay, DuPage, Edwards, Fayette, Jersey, JoDaviess, Johnson, Logan, Perry, Piatt, Pope, Saline, St. Clair, Tazewell, Wabash and Will. In the remaining counties in the State the number of colts is less than it was a year ago.

CALVES.

In comparatively few of the counties in the State are there as many calves this year as in 1887. Those in which the number is as large as last season are as follows: Adams, Alexander, Cass, Clinton, Cook, Gallatin, Jefferson, JoDaviess, Kendall, Macon, McDonough, McHenry, Morgan, Ogle, Piatt, Pope, St. Clair, Tazewell, Whiteside and Winnebago, 100; Brown, 113; Clark and DeKalb, 101; Hardin, 105; Jackson, 102; Moultrie, 102; Pike, 105; Randolph, 102; Washington, 105.

The condition of calves is up to a seasonable average in the following thirty counties only: Adams, Cass, Champaign, Cook, Edgar, Ford, Hancock, Hardin, Iroquois, Jefferson, Jersey, Kendall, Lake, Macon, Marion, McDonough, McHenry, Menard, Montgomery, Ogle, Perry, Piatt, Randolph, Schuyler, St. Clair, Will and Williamson, 100; Alexander, Carroll and Lee, 102.

PIGS.

But six counties report as many pigs as in 1887, viz: Adams, 110; Alexander, 100; McDonough, 117; Scott, 100; Vermilion, 105; Warren, 107.

The condition of pigs is not over 75 per cent. of an average.

LAMBS.

In the following counties the number of lambs is as large, or larger, than in 1887, viz: Alexander, 101; Champaign, 100; Clinton, 100; Ford, 100; Henry, 102; Jefferson, 105; Jersey, Johnson, Lawrence, Lee, Macon, Marion, McDonough, 100; Montgomery, 103; Ogle, 100; Putnam, 103; Rock Island, Scott, St. Clair, 100; Tazewell, 102; Whiteside and Williamson, 100.

The condition of lambs is nearly up to an average in the majority of the counties in the State.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest,

when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair average vitality or growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The observers of this Department are, as a rule, farmers of extended experience and practical judgment, representative men of public spirit and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this Department during the past twelve years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

Secretary.

CORRESPONDENTS' REMARKS.

ADAMS—The early planting of corn made its appearance above ground May 5. The stand is good and the plant is making fine growth. The area planted is about the same as last season. Winter wheat is very irregular and spotted, and does not promise more than two-thirds of an average yield per acre. Oats are making rapid growth. Meadows are a little short of an average for June 1 in condition. Clover was nearly all winter-killed. Pastures are improving rapidly. Irish and sweet potatoes are looking well. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 100; grapes, bloom 50, condition 50; strawberries, bloom 75, condition 70; blackberries, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 110, condition 100; calves number 100, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is \$30; cost of service \$8. About 4 per cent. of the foals die before weaning time.

ALEXANDER—The corn area is about the same as last season and the condition of the growing crop about up to the average June 1 condition. The seed corn was selected with greater care than heretofore. Broom-corn and sorghum cane are doing well. Winter wheat will make nearly an average yield per acre. Oats, rye and barley are making fine growth and promise a full average yield per acre. Tobacco has an area equal to that of last season and is doing well. Meadows are looking well, but there is some complaint of army worm. Pastures are in fine condition. The fruit prospect is better than that of June 1, 1887. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 105, condition 100; peaches, bloom 100, condition 102; pears, bloom 100; strawberries, bloom 60, condi-

tion 100; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 100, condition 100; lambs, number 101, condition 101; calves, number 100, condition 102; colts, number 102, condition 102. The average price of colts at weaning time is \$30; cost of service, \$7. About 1 per cent. of the foals die before weaning time.

BOND—The area devoted to corn is larger than that of last season. The condition of the growing crop is good; the ground is free from weeds and but little replanting has been required. Winter wheat is being injured by the chinch bug and under the most favorable conditions will not yield to exceed one-third of a crop. Sorghum cane is making fair growth. Oats and rye are not up to the average June 1 condition. Tobacco is in poor condition. Meadows and pastures are backward. The grass has not recovered from the effects of the drouth last fall. A great deal of millet and hungarian has been sown. The fruit prospect is not so good as a month ago. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 103, condition 83; peaches, bloom 126, condition 119; pears, bloom 100, condition 93; raspberries, bloom 95, condition 75; blackberries, bloom 91, condition 92; gooseberries, bloom 81, condition 75; currants, bloom 92, condition 92. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 57, condition 78; lambs, number 89, condition 98; calves, number 92, condition 90; colts, number 90, condition 90. The average price of colts at weaning time is \$33; cost of service, \$11. About 9 per cent. of the foals die before weaning time.

BOONE—The condition of corn is not good. The corn maggot has destroyed a large area and more replanting than usual has been done. The early planting made its appearance above ground May 18. Winter wheat will make an average yield per acre. The area devoted to broom corn is much less than that of last season. Spring wheat, oats, rye and barley are in fine condition. Meadows and pastures are not up to the usual June 1 condition. Irish potatoes are doing well and cover an area equal to that of last season. The fruit prospect is not good. Orchards have never recovered from the severe winter of 1885. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 91, condition 91; plums, bloom 104, condition 95; cherries, bloom 100, condition 84; strawberries, bloom 102, condition 104; blackberries, bloom 37, condition 30; gooseberries, bloom 40, condition 40; currants, bloom 70, condition 70. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per centage, and are as follows: Pigs, number 80, condition 90; lambs, number 87, condition 98; calves, number 76, condition 95; colts, number 97, condition 101. The average price of colts at weaning time is \$44; cost of service \$13. About 11 per cent. of the foals die before weaning time.

BROWN—Corn made its first appearance above ground April 30. The plant looks yellow and weak but is improving since the late rains. The area is a little larger than that of last season. The seed corn was never better than this season. Sorghum cane is doing well. Winter wheat will make about four-fifths of an average yield per acre. Oats and rye are in fair condition and are improving daily since the recent rains. Tobacco has an area equal to that of last season and is doing well. Meadows and pastures are doing well at present, but are backward on account of the cold, dry weather of April and first half of May. There will be a fair crop of fruit. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 93, condition 100; plums, bloom 100, condition 90; pears, bloom 95, condition 85; grapes, bloom 90, condition 90; strawberries, bloom 95, condition 95; blackberries, bloom 90, condition 95; gooseberries, bloom 105, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per centage, and are as follows: Pigs, number 90, condition 97; lambs, number 87, condition 93; calves, number 113, condition 97; colts, number 107, condition 97. The average price of colts at weaning time is \$42; cost of service \$12. About 7 per cent. of the foals die before weaning time.

BUREAU—The area devoted to corn is not quite so large as that of last season. Most of the corn was planted early, but the seed failed to germinate and a great deal of replanting has been done. Winter wheat will not yield to exceed two-thirds of an average per acre. Spring wheat, oats, rye and barley all look well and promise a full average yield per acre. The area planted to sorghum is smaller than usual, but the condition of the growing crop is good. Meadows and pastures have made great improve-

ment since May, and are in fair condition. Clover meadows are not in as good condition as timothy, owing to winter-killing. The Irish potato area is about the same as last season. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 95, condition 77; plums, bloom 62, condition 45; grapes, bloom 63, condition 70; raspberries, bloom 77, condition 81; blackberries, bloom 80, condition 79; gooseberries, bloom 70, condition 87; currants, bloom 85, condition 83. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 85, condition 95; lambs, number 87, condition 99; calves, number 86, condition 94; colts, number 74, condition 92. The average price of colts at weaning time is \$40; cost of service \$15. About 7 per cent. of the foals die before weaning time.

CALHOUN—The corn area is about the same as last season and the general condition is nearly up to an average for June 1. The early planting made its appearance above ground on May 1. The frost killed some of the corn, and the recent high waters drowned out a large area. Winter wheat will not make more than half an average yield per acre. Oats and rye promise nearly an average yield per acre. Meadows and pastures are doing well since the recent rains. Irish potatoes have an area somewhat larger than last season and are making fine growth. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 102, condition 89; peaches, bloom 60, condition 93; pears, bloom 80, condition 63; plums, bloom 100, condition 82; cherries, bloom 92, condition 82; grapes, bloom 97, condition 80; strawberries, bloom 75, condition 50; blackberries, bloom 102, condition 100; gooseberries, bloom 80, condition 10; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 83, condition 92; lambs, number 80, condition 95; calves, number 88, condition 90; colts, number 89, condition 97. The average price of colts at weaning time is \$32; cost of service \$9. About 5 per cent. of the foals die before weaning time.

CARROLL—Corn is not all planted and there is but little of it that has made its appearance above ground. The area devoted to this crop is somewhat larger than last season. A great deal of replanting has been done. Sorghum cane looks well. Winter wheat will make nearly an average yield per acre. Spring wheat, oats, rye and barley are all doing well and promise a full average yield per acre. Meadows and pastures are fully up to the average condition for June 1. Irish potatoes have an area equal to that of last season and are making fine growth. The per cent. of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 95; plums, bloom 75, condition 70; cherries, bloom 62, condition 45; grapes, bloom 63, condition 70; blackberries, bloom, 102, condition 100; gooseberries, bloom 80, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring,

and the condition of young stock as compared with an average, are given by per cent. and are as follows: Pigs, number 72, condition 100; lambs, number 65, condition 100; calves, number 97, condition 102; colts, number 102, condition 100. The average price of colts at weaning time is \$35; cost of service, \$13. About 6 per cent. of the foals die before weaning time.

CASS—Corn is not so far advanced as usual on June 1. The season has been unfavorable. The area planted is about the same as last season. Many fields have been replanted the second time. Winter wheat has made great improvement since May 1, and gives encouragement for more than four-fifths of an average yield per acre. Oats and rye are in fine condition and promise more than an average yield per acre. Meadows are in poor condition and will not yield more than three-fourths of a crop of hay. Blue-grass is doing well, other pasture is backward. The prospect is good for fruit of all kinds except peaches. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 96; plums, bloom 100, condition 75; pears, bloom 100, condition 87; cherries, bloom 91, condition 78; grapes, bloom 98, condition 96; strawberries, bloom 81, condition 90; blackberries, bloom 90, condition 98; gooseberries, bloom 106, condition 105; currants, bloom 89, condition 89. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 97, condition 103; lambs, number 87, condition 100; calves, number 100, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is \$40; cost of service \$7. About 13 per cent. of the foals die before weaning time.

CHAMPAIGN—Corn looks well, and the area planted is about 10 per cent. larger than that of last season. The cut-worms have been at work on the corn planted on sod land. The condition of the growing crop is nearly up to an average for June 1. Winter wheat is very thin on the ground, and is "spotted." The prospect is not encouraging for more than two-thirds of an average yield per acre. Oats and rye are doing well. Meadows and pastures are in fair condition. The area seeded to Irish and sweet potatoes is about the same as last season; both crops are making good growth. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 103, condition 88; plums, bloom 100, condition 90; pears, bloom 100, condition 88; strawberries, bloom 96, condition 85; blackberries, bloom 72, condition 85; gooseberries, bloom 96, condition 89; grapes, bloom 98, condition 90. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 88, condition 88; lambs, number 100, condition 99; calves, number 95, condition 100; colts, number 95, condition 102. The average price of colts at weaning time is \$50; cost of service \$13. About 7 per cent. of the foals die before weaning time.

CHRISTIAN—The area planted to corn is more than 10 per cent. larger than that of last season. The early planting made its

appearance above ground on May 1. The general condition of the growing crop is good. Winter wheat will not yield more than half an average per acre. Spring wheat, oats and rye are doing well. Broom corn and sorghum have about the same area as last season. Timothy meadows are in fine condition. Clover is not doing well. Pastures are making fine growth. The area covered by Irish and sweet potatoes is about the same as last season. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 103, condition 93; peaches, bloom 29, condition 20; pears, bloom 94, condition 86; plums, bloom 105, condition 87; strawberries, bloom 76, condition 71; gooseberries, bloom 100, condition 98; grapes, bloom 97, condition 94. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 86, condition 90; lambs, number 99, condition 97; calves, number 97, condition 99; colts, number 100, condition 98. The average price of colts at weaning time is \$44; cost of service \$5. About 9 per cent. of the foals die before weaning time.

CLARK—There is a slight increase in the corn area as compared with that of last season. About one-half of the planting has not made its appearance above ground owing to the dry, cold weather of May. Winter wheat will not make more than half of an average yield per acre. Oats and rye do not promise more than two-thirds of an average yield per acre. Tobacco is doing well; the area devoted to this crop is small however. Meadows and pastures are backward. Irish and sweet potatoes are making good growth. There is a fair prospect for fruits of all kinds. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 94, condition 69; peaches, bloom 102, condition 100; pears, bloom 87, condition 93; strawberries, bloom 92, condition 87; blackberries, bloom 87, condition 91; gooseberries, bloom 92, condition 92; currants, bloom 82, condition 72. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 79, condition 83; lambs, number 92, condition 92; calves, number 101, condition 88; colts, number 102, condition 95. The average price of colts at weaning time is \$36; cost service \$13. About 5 per cent. of the foals die before weaning time.

CLAY—The area planted to corn is a little larger than last season. The ground is in fine condition, but the cut worm has done great damage and caused a great deal of replanting. Winter wheat is but little better than a failure. The chinch bug has ruined nearly all the wheat left standing May 1. Oats are doing fairly well. Rye is in better condition than wheat; will make about half an average yield per acre. Meadows are in poor condition owing to the drouth last fall and the continued unfavorable weather this season. Irish and sweet potatoes are making fine growth. The late frosts have damaged the fruit prospect to some extent. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 103, condition 88; plums, bloom 100, condition 90; pears, bloom 100, condition 88; grapes, bloom

97, condition 94; strawberries, bloom 96, condition 85; blackberries, bloom 72, condition 75; gooseberries, bloom 84, condition 100; currants, bloom 97, condition 91. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 57, condition 70; lambs, number 59, condition 96; calves, number 94, condition 97; colts, number 100, condition 97. The average price of colts at weaning time is \$38; cost of service, \$9. About 9 per cent. of the foals die before weaning time.

CLINTON—The area devoted to corn is fully 10 per cent. larger than that of last season. The condition of the growing crop is good. The seed was selected with more care than usual and there has been very little replanting. Broomcorn is doing well; the area is not so large as last season; condition good. Sorghum cane is making fine growth. Winter wheat will hardly pay for the harvest; the chinch bug damaged the wheat much during the dry weather of April and May. Rye will not make more than half an average yield per acre. Oats and barley are doing well and promise an average yield per acre. Meadows and pastures are in poor condition. Grass has been suffering for rain for nearly two months. Irish and sweet potatoes are doing well and have an area equal to that of last season. The prospect for nearly every variety of fruit is encouraging. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 95, condition 95; peaches, bloom 110, condition 110; pears, bloom 100, condition 100; plums, bloom 110, condition 110; grapes, bloom 100; condition 100; strawberries, bloom 100, condition 78, blackberries, bloom 80, condition 80; gooseberries, bloom 100, condition 100; currants, bloom 70, condition 70. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 70, condition 90; lambs, number 100, condition 90; calves, number 100, condition 95; colts, number 70, condition 100. The average price of colts at weaning time is \$40; cost of service, \$10. About 5 per cent. of the foals die before weaning time.

COLES—There is quite an increase in the area devoted to corn as compared with last season. Corn has not made the usual growth for June 1, owing to the cold, unseasonable weather. Cut-worms have done considerable damage. Winter wheat will not make to exceed one-third of an average yield per acre. Broom corn and sorghum cane have an area equal to that of last season, and are making fair growth. Oats and rye are doing well. Tobacco covers about the same area as last season; condition good. Meadows were badly damaged by the drouth last summer and fall, as well as by the unseasonable weather of the spring. The rains of the past three weeks have greatly improved the condition of grass, and it is now growing rapidly. Pastures are doing well. The frosts of the latter part of May injured fruit to some extent. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 106, condition 84; peaches, bloom 85, condition 67; pears, bloom 100, condition 100; plums, bloom 105, condition 52; cherries, bloom 96, condition 66; grapes, bloom 100, condition 100; strawberries, bloom

100, condition 78; raspberries, bloom 100, condition 97; blackberries, bloom 73, condition 80; gooseberries, bloom 97, condition 83; currants, bloom 73, condition 63. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 72, condition 97; lambs, number 83, condition 100; calves, number 92, condition 99; colts, number 90, condition 97. The average price of colts at weaning time is \$40; cost of service \$8. About 11 per cent. of the foals die before weaning time.

COOK—Corn has made but little progress; the spring has been backward and the seed corn did not germinate; more replanting required than usual; the area is larger than that of last season. Spring wheat, oats and rye are doing well and all promise about an average yield per acre. Meadows and pastures are a little backward, but are improving since the recent rains and warm weather. Irish potatoes are making fair growth and have an area equal to that of last season. The prospect is not encouraging for fruit of any description. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 78, condition 70; cherries, bloom 60, condition 55; grapes, bloom 100, condition 100; strawberries, bloom 100, condition 100; currants, bloom 60, condition 80. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 85, condition 98; calves, number 100, condition 100; colts, number 99, condition 97. The average price of colts at weaning time is \$40; cost of service, \$11. About 10 per cent. of the foals die before weaning time.

CRAWFORD—The area planted to corn is about the same as last season; the condition of the growing crop is nearly up to an average for June 1. Broom corn and sorghum cane are making fair growth, but corn has a smaller area than last season. Winter wheat will not make half an average yield per acre. Oats and rye are backward and do not promise more than three-fourths of an average yield per acre. Flax is doing well. The area devoted to Irish and sweet potatoes is about the same as last season. The prospect is fair for nearly every variety of fruit. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 98, condition 65; peach, bloom 104, condition 94; pears, bloom, 96, condition 87; plums, bloom 106, condition 99; grapes, bloom 68, condition 92; strawberries, bloom 92, condition 91; currants, bloom 85, condition 86. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 64, condition 75; lambs, number 74, condition 91; calves, number 83, condition, 90; colts, number 94, condition 89. The average price of colts at weaning time is \$41; cost of service \$11. About 8 per cent. of the foals die before weaning time.

CUMBERLAND—Corn has made a good stand, and since the recent rains has made rapid growth. The area devoted to this crop is about the same as last season. Broom corn and sorghum cane are doing well; the

area planted to these crops is about the same as last season. The prospect for winter wheat is not encouraging for more than one-third of an average yield per acre. Oats and rye have made fair growth. Flax is doing well, but the area is less than last season. Tobacco has the usual area and looks well. Meadows and pastures are somewhat backward, owing to the unseasonable season. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 101, condition 79; peaches, bloom 104, condition 100; pears, bloom 83, condition 83; raspberries, bloom 90, condition 87; blackberries, bloom 87, condition 87; gooseberries, bloom 87, condition 87; currants, bloom 71, condition 82. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 70, condition 82; lambs, number 95, condition 100; calves, number 94, condition 90; colts, number 94, condition 95. The average price of colts at weaning time is \$39; cost of service \$13. About 5 per cent. of the foals die before weaning time.

DEKALB—Farmers have been planting corn all through the month of May; the early planting did not germinate, owing to the cold, dry weather of the spring; the area is 5 per cent. larger than last spring. Broom corn is doing well. Winter wheat will make about four-fifths of an average yield per acre. Spring wheat, oats, rye, barley and flax are all looking well and promise a large yield. Meadows improved greatly during May, and are now in about the average condition for June 1. Pastures where not overstocked last fall are in fair condition. Orchards in this county are in poor condition. The prospect for apples is not encouraging. Small fruits will yield well. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 69, condition 77; plums, bloom 25, condition 100; cherries, bloom 67, condition 77; grapes, bloom 100, condition 103; strawberries, bloom 95, condition 104; raspberries, bloom 60, condition 105; blackberries, bloom 93, condition 105; gooseberries, bloom 77, condition 98; currants, bloom 62, condition 84. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 95, condition 99; lambs, number 78, condition 100; calves, number 101, condition 99; colts, number 99, condition 96. The average price of colts at weaning time is \$34; cost of service, \$13. About 12 per cent. of the foals die before weaning time.

DEWITT—There is a good stand of corn but the continued wet weather has kept the farmers from cultivating the growing crops. The seed was selected with great care and very little replanting had to be done. The area is about the same as last season. Sorghum cane is in fair condition, but the area planted is 25 per cent. smaller than last season. Winter wheat promises about four-fifths of an average yield per acre. Spring wheat, oats, rye and barley are making fair growth. Meadows and pastures are doing well. There has been an abundance of rain during past month. Irish and sweet potatoes are looking well and have an area equal to that of last season. The per centage of bloom this spring and the condition of

fruit June 1, as compared with an average, are as follows: Apples, bloom 111, condition 98; plums, bloom 100, condition 100; pears, bloom 110, condition 100; cherries, bloom 113, condition 90; grapes, bloom 107, condition 100; strawberries, bloom 90, condition 85; raspberries, bloom 93, condition 98; blackberries, bloom 93, condition 97; gooseberries, bloom 92, condition 92; currants, bloom 92, condition 92. The number of births of farm animals this season as compared with an average, are given by per centage and are as follows: Pigs, number 93, condition 100; lambs, number 87, condition 98; calves, number 90, condition 92; colts, number 80, condition 69. The average price of colts at weaning time is \$53; cost of service \$14. About 10 per cent. of the foals die before weaning time.

DOUGLAS—The area of corn planted is larger than that of last season; the condition is very fair; the seed corn was better selected than usual and the stand is good. The cut-worm is damaging the corn planted on sod lands. Broom corn and sorghum cane have an area equal to that of last season and are doing well. Oats and rye are not up to the usual June 1 condition, but since the recent rains are making rapid growth. Meadows and pastures are doing well. Irish and sweet potatoes have about the same area as last season and are making fine growth. There is a good prospect for apples, peaches, grapes and small fruits. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 94; peaches, bloom 83, condition 89; pears, bloom 103, condition 100; plums, bloom 75, condition 77; cherries, bloom 96, condition 94; grapes, bloom 94, condition 91; strawberries, bloom 90, condition 93; raspberries, bloom 100; blackberries, bloom 75, condition 75; gooseberries, bloom 92, condition 92; currants, bloom 92, condition 92. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 91, condition 96; lambs, number 95, condition 97; calves, number 94, condition 97; colts, number 95; condition 86. The average price of colts at weaning time is \$44; cost of service, \$16. About 12 per cent. of the foals die before weaning time,

DUPAGE—The early planting of corn did not do well; the stand was poor and much of the area was replanted the second time. That planted after the middle of May has made splendid growth. The area is about the same as last season. Winter wheat will make nearly an average yield per acre. Spring wheat, oats, rye, barley and flax are all doing well and promise a full average yield per acre. Meadows are in fair condition. Timothy is in better condition than clover. Nearly all the clover was winter-killed. Pastures have not entirely recovered from the effects of last seasons drouth. Late frosts have materially damaged the fruit prospects. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 35, condition 50; plums, bloom 75, condition 70; pears, bloom 60, condition 60; grapes, bloom 87, condition 85; strawberries, bloom 93, condition 95; raspberries, bloom 75, condition 80; blackberries, bloom 100, condition 100; gooseberries, bloom 55, condition 60; currants, bloom 28, condition 25. The number of births of farm animals this

season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 78, condition 93; lambs, number 70, condition 95; calves, number 93, condition 97; colts, number 100, condition 100. The average price of colts at weaning time is \$45; cost of service, \$14. About 3 per cent. of the foals die before weaning time.

EDGAR—Owing to the unseasonable weather the early part of May, corn was very slow in making its appearance above ground. The seed was selected with greater care than usual and the stand is good. The area is considerably larger than that of last season. Winter wheat will not make more than one-third of an average yield per acre. Broom corn and sorghum cane are doing well and have about the same area as last season. Spring wheat, oats and rye are not up to the usual condition for June 1. Meadows and pastures are backward, but are improving rapidly since the recent rains. Irish and sweet potatoes are making fair growth, but the area is not as large as that of last season. There is a fair prospect for nearly every variety of fruit. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 102, condition 104; peaches, bloom 60, condition 90; pears, bloom 100, condition 94; plums, bloom 102, condition 100; cherries, bloom 99, condition 105; grapes, bloom 100, condition 97; strawberries, bloom 100, condition 97; raspberries, bloom 101, condition 101; blackberries, bloom 95, condition 94; gooseberries, bloom 95, condition 92; currants, bloom 86, condition 86. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 79, condition 89; lambs, number 91, condition 90; calves, number 81, condition 100; colts, number 96, condition 90. The average price of colts at weaning time is \$40; cost of service, \$13. About 7 per cent. of the foals die before weaning time.

EDWARDS—Corn is not up to the average June 1 condition. The weather has been too cool and dry for rapid growth. The area is fully one-fifth less than that of last season. Sorghum cane has an increased area as compared with that of last season and is doing well. Winter wheat will not yield more than one-fourth of an average yield per acre. In some localities wheat is an entire failure. Oats and rye are not doing well. Meadows and pastures are backward and are being worked by the army worm. Irish and sweet potatoes are making fair growth. The fruit prospect is better than for several years past. The frost of May did but very little damage. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 75; peaches, bloom 110, condition 100; pears, bloom 100, condition 100; plums, bloom 100, condition 75; cherries, bloom 100, condition 90; strawberries, bloom 40, condition 65; grapes, bloom 75, condition 70; raspberries, bloom 65, condition 86; blackberries, bloom 50, condition 85; gooseberries, bloom 100, condition 100; currants, bloom 85, condition 90. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, num-

ber 60, condition 45; lambs, number 65, condition 100; calves, number 85, condition 90; colts, number 100, condition 100. The average price of colts at weaning time is \$35; cost of service \$12. About 6 per cent of the foals die before weaning time.

EFFINGHAM—The area planted to corn is somewhat larger than last season, and the condition of the growing crop is fully up to the average for June 1. The seed was selected with greater care than usual, hence the stand is above the average. Sorghum cane is doing well, but occupies a much less area than last season. Winter wheat will make but little over half of an average yield per acre. Oats and rye are not up to the usual June 1 condition. Tobacco is making good growth. Meadows and pastures are backward, owing to the unfavorable spring. Irish and sweet potatoes are making fair growth, and have nearly the same area as last season. The fruit prospect is good. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 88, condition 72; peaches, bloom 89, condition 105; pears, bloom 89, condition 39; plums, bloom 94, condition 96; cherries, bloom 85, condition 87; grapes, bloom 99, condition 100; strawberries, bloom 98, condition 92; raspberries, bloom 91, condition 91; blackberries, bloom 99, condition 90; gooseberries, bloom 96, condition 93; currants, bloom 84, condition 85. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 55, condition 73; lambs, number 87, condition 92; calves, number 94, condition 95; colts, number 99, condition 103. The average price of colts at weaning time is \$35; cost of service \$8. About 6 per cent. of the foals die before weaning time.

FAYETTE—Corn made its first appearance above ground April 30, and is in fair condition. The area planted this spring is about 10 per cent. larger than last season. Winter wheat has made some improvement since last report. Broom corn and sorghum cane have about the same area as last season and are doing well. Oats were damaged by the dry weather about the time of seeding, but are now making rapid growth. Rye will yield nearly an average crop. Meadows are a little spotted, but in other respects are doing finely. Old clover was nearly all winter-killed. Pastures are backward. Stock was turned in on them too early, and the grass did not get a good start. Irish and sweet potatoes are in good condition. Apples are not doing well. Orchards are generally infested with a small worm which is eating the leaves off the trees as well as damaging the fruit. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 85, condition 67; peaches, bloom 96, condition 87; pears, bloom 107, condition 100; plums, bloom 100, condition 95; cherries, bloom 100, condition 74; grapes, bloom 92, condition 80; strawberries, bloom 78, condition 83; raspberries, bloom 83, condition 83; blackberries, bloom 67, condition 75; gooseberries, bloom 92, condition 83; currants, bloom 94, condition 87. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 78, condition 88; lambs, number 95,

condition 100; calves, number 88, condition 97; colts, number 100, condition 100. The average price of colts at weaning time is \$35; cost of service \$8. About 5 per cent. of the foals die before weaning time.

FORD—Corn covers about the same area as last season, and the general condition is nearly up to an average for June 1. There is some complaint of a small, gray worm doing great damage to the growing crop. The excessive rains since the middle of May have made it impossible to cultivate corn. Winter wheat will not yield more than half an average crop. Spring wheat, oats and rye are doing well. Flax is in fair condition; the acreage is not more than half as large as last season. Meadows and pastures are not up to the usual condition for June 1. Irish and sweet potatoes are doing well. There is a fair prospect for fruit. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 102, condition 90; plums, bloom 100, condition 95; pears, bloom 100, condition 90; strawberries, bloom 100, condition 98; blackberries, bloom 85, condition 70; gooseberries, bloom 67, condition 43; currants, bloom 57, condition 57; grapes, bloom 100, condition 102. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 90, condition 96; lambs, number 100, condition 103; calves, number 96, condition 100; colts, number, 91, condition 98. The average price of colts at weaning time is \$47; cost of service \$20. About 13 per cent. of the foals die before weaning time.

FRANKLIN—The area devoted to corn is larger than that of last season. The condition of the growing crop is not up to the average for June 1. The cut-worm, owing to the cool dry weather, has done much damage. Sorghum cane is doing well and has an area equal to that of last season. Winter wheat will make about half an average yield per acre. Oats are somewhat below the June 1 average in condition. Tobacco is making fair growth and has about the same area as last season. Irish and sweet potatoes look well and promise a large yield. Meadows are in fair condition, but are being damaged by army worms. Pastures are doing well. The prospect is good for nearly every variety of fruit. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 82, condition 87; peaches, bloom 100, condition 100; pears, bloom 100, condition 95; grapes, bloom 85, condition 92; strawberries, bloom 20, condition 20; raspberries, bloom 95, condition 90; blackberries, bloom 60, condition 52; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average; are given by per centage and are as follows: Pigs, number 52, condition 60; lambs, number 72, condition 77; calves, number 92, condition 87; colts, number 100, condition 100. The average price of colts at weaning time is \$38; cost of service \$9. About 3 per cent. of the foals die before weaning time.

FULTON—Owing to the cold weather up to the middle of May, corn was very slow in germinating, causing a large amount of re-

planting. The area is about the same as last season. Sorghum cane is doing well. Winter wheat will make about three-fourths of an average yield per acre. Spring wheat, oats and rye are in good condition and promise full average yields. Meadows are backward owing to the drouth last fall and the unfavorable weather during April and May. Pastures have made rapid growth since the recent rains. Irish and sweet potatoes are doing well. The prospect is encouraging for nearly every kind of fruit grown in this latitude. The percentage of bloom this spring and the condition of fruit June 1 as compared with an average, are as follows: Apples, bloom 103, condition 98; plums, bloom 83, condition 65; pears, bloom 75, condition 90; cherries, bloom 68, condition 70; grapes, bloom 77, condition 86; raspberries, bloom 92, condition 92; strawberries, bloom 101, condition 88; gooseberries, bloom 98, condition 93; currants, bloom 86, condition 78. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 84, condition 97; lambs, number 95, condition 95; calves, number 97, condition 98; colts, number 91, condition 93. The average price of colts at weaning time is \$42; cost of service, \$12. About 8 per cent. of the foals die before weaning time.

GALLATIN—Corn is well advanced for June 2. A great deal of it made its appearance above ground May 8. Many farmers are plowing corn the second time. Winter wheat will yield about four-fifths of an average per acre. Sorghum cane is doing well. Oats and rye promise about an average yield per acre. Tobacco has an area equal to that of last season and is making rapid growth. Meadows look very well. There is some complaint of army worms injuring the grass. Pastures are hardly up to the average in condition. Irish and sweet potatoes are doing well. The fruit prospect is good. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 90, condition 87; peaches, bloom 63, condition 50; pears, bloom 85, condition 85; plums, bloom 88, condition 88; grapes, bloom 109, condition 93; strawberries, bloom 95, condition 97; currants, bloom 85, condition 80. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 90, condition 90; lambs, number 65, condition 70; calves, number 100, condition 95; colts, number 102, condition 97. The average price of colts at weaning time is \$29; cost of service \$10. About 5 per cent. of the foals die before weaning time.

GREENE—Corn is doing well since the recent warm weather and showers set in. The area planted is larger than last season. Broom corn and sorghum cane are up to the usual June 1 condition. Winter wheat will make about three-fourths of an average yield per acre. Harvest will be a little late this season. Oats and rye are making fine growth since the rains, and promise a full average yield per acre. Meadows are in good condition. Blue-grass pasturage is good. Clover is in poor condition. The fruit prospect has seldom been better than this season. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom, 106, condition 97; peaches, bloom 52, condi-

tion 61; pears, bloom 104, condition 97; plums, bloom 102, condition 100; cherries, bloom 105, condition 91; strawberries, bloom 90, condition 88; raspberries, bloom 92, condition 94; blackberries, bloom 80, condition 97; gooseberries, bloom 107, condition 102; currants, bloom 103, condition 98. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 77, condition 96; lambs, number 88, condition 100; calves, number 96, condition 96; colts, number 105, condition 102. The average price of colts at weaning time is \$42; cost of service \$14. About 2 per cent. of the foals die before weaning time.

GRUNDY—The area devoted to corn is about the same as last season. There is a great deal of complaint about the damage done the corn by the cut-worm. Sorghum cane is making fine growth. Winter wheat will not yield to exceed two-thirds of a crop. Oats are very rank and there is great danger of them falling. Rye is doing well. Meadows and pastures have greatly improved since the recent rains and warm weather set in. Irish potatoes have about the same area as last season and are making rapid growth. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 90, condition 90; plums, bloom 90, condition 90; cherries, bloom 95, condition 95; grapes, bloom 95, condition 90; strawberries, bloom 91, condition 93; raspberries, bloom 92, condition 93; blackberries, bloom 88, condition 88; gooseberries, bloom 96, condition 95; currants, bloom 73, condition 82. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 97, condition 95; lambs, number 90, condition 90; calves, number 97, condition 97. The average price of colts at weaning time is \$35; cost of service \$12. About 7 per cent. of the foals die before weaning time.

HAMILTON—There was a large acreage of corn planted early, but owing to the cold dry weather of the spring it failed to germinate. A great deal of replanting has been done and the stand is very uneven. The area is about the same as last season. Winter wheat will make but little over half an average yield per acre. Oats and rye are backward. The usual area has been planted to sorghum cane. Meadows have seldom been in poorer condition on June 1. The army worm is fast destroying every prospect for hay. Clover is in much better condition than timothy. Pastures are so short that they afford very little feed for stock. Irish and sweet potatoes are doing well and have about the same area as last season. Tobacco is doing well and covers an area equal to that of last season. There is a fair prospect for fruit of all kinds. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 94, condition 97; peaches, bloom 84, condition 81; pears, bloom 90, condition 90; raspberries, bloom 90, condition 90; blackberries, bloom 84, condition 78; gooseberries, bloom 95, condition 89; currants, bloom 80, condition 72. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows:

Pigs, number 69, condition 80; lambs, number 94, condition 100; calves, number 97, condition 94; colts, number 98, condition 81. The average price of colts at weaning time is \$36; cost of service, \$8. About 5 per cent. of the foals die before weaning time.

HANCOCK—Corn made its first appearance above ground May 1. The seed was much better than usual as a general thing, and the ground was in excellent order. The weather during May was cold and unfavorable for the rapid growth of corn. Sorghum is fully up to the average in condition for June 1. Winter wheat promises about four-fifths of an average yield per acre. Oats and rye are doing well and a full average yield per acre may be expected. Meadows and pastures are about up to the average condition for June 1. Irish and sweet potatoes are making fair growth, and corn about the same area as last season. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 101, condition 86; plums, bloom 50, condition 92; pears, bloom 91, condition 93; blackberries, bloom 88, condition 88; gooseberries, bloom 96, condition 95; currants, bloom 73, condition 72. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 86, condition 100; lambs, number 97, condition 100; colts, number 97, condition 100. The average price of colts at weaning time is \$46; cost of service \$14. About 15 per cent. of the foals die before weaning time.

HARDIN—Corn is in fine condition* and is making rapid growth. The stand is good and the area planted is about the same as last season. The seed was selected with greater care than usual. Sorghum is doing well; the area is about the same as last season. Winter wheat will make about four-fifths of an average yield per acre. Oats and rye are making good growth. Tobacco looks well and covers about the same area as last season. Meadows and pastures are hardly up to the average for June 1, owing to the unfavorable spring. Irish and sweet potatoes are making fine growth. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 97; peaches, bloom 110, condition 105; pears, bloom 100, condition 100; grapes, bloom 97, condition 85; strawberries, bloom 110, condition 100; raspberries, bloom 75, condition 70; blackberries, bloom 100, condition 100; gooseberries, bloom 90, condition 94; currants, bloom 25, condition 25. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 90, condition 100; lambs, number 83, condition 100; calves, number 105, condition 100; colts, number 110, condition 100. The average price of colts at weaning time is \$45; cost of service \$15. About 8 per cent. of the foals die before weaning time.

HENDERSON—Corn is a little backward but is making rapid growth. The stand is good and the plant strong and vigorous. The area is about the same as last season. Sorghum cane is not up to the average in condition for June 1. Winter wheat has made great improvement since May 1, and gives

encouragement for about three-fourths of an average yield per acre. Spring wheat, oats and rye are all a little backward owing to the unseasonable weather during the early part of the spring. Meadows will not make an average yield of hay per acre owing to the drouth during April. Pastures are doing well since the recent rains. Irish and sweet potatoes are making good growth and have about the same area as last season. The fruit prospect is not so good as last season on June 1. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 90, condition 67; plums, bloom 101, condition 50; cherries, bloom 42, condition 32; grapes, bloom 62, condition 60; strawberries, bloom 100, condition 62; raspberries, bloom 102, condition 102; blackberries, bloom 87, condition 87; gooseberries, bloom 75, condition 62; currants, bloom 90, condition 77. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 77, condition 98; lambs, number 102, condition 100; calves, number 93, condition 98; colts, number 87, condition 100. The average price of colts at weaning time is \$42; cost of service \$15. About 10 per cent. of the foals die before weaning time.

HENRY—The area devoted to corn is about the same as last season. Owing to the cold, unfavorable spring there has been more replanting done than usual. Many farmers have planted a third time; the stand is not good. Winter wheat will make about three-fourths of an average yield per acre. Spring wheat, oats rye, broom corn, sorghum cane, barley and flax are all doing well and promise fair yields. Meadows and pastures are not up to the usual average for June 1. The drouth during the early spring kept the grass from growing. Irish and sweet potatoes are doing well. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 84, condition 57; plums, bloom 92, condition 82; cherries, bloom 22, condition 50; strawberries, bloom 95, condition 86; blackberries, bloom 100, condition 100; gooseberries, bloom 96, condition 96; currants, bloom 89, condition 89. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 77, condition 98; lambs, number 102, condition 100; calves, number 93, condition 98; colts, number 87, condition 100. The average price of colts at weaning time is \$42; cost of service \$13. About 10 per cent. of the foals died before weaning time.

IROUOIS—The area planted to corn is larger than last season, and the general condition of the growing crop is nearly up to the average for June 1. There is some complaint of cut-worms. About two-thirds of the winter wheat sown late last fall was plowed up and the land used for other crops. Broom corn, sorghum cane, spring wheat, oats, rye, barley and flax are making fine growth and give encouragement for an average yield per acre. Since the recent rains grass has grown rapidly. Meadows and pastures are improving daily and are in fine condition. Irish and sweet potatoes are doing well. The prospect is only fair for fruit. The per centage of bloom this spring and the condition of fruit

June 1, as compared with an average, are as follows: Apples, bloom 95, condition 100; plums, bloom 75, condition 75; cherries, bloom 90, condition 96; strawberries, bloom 94, condition 100; blackberries, bloom 100, condition 100; gooseberries, bloom 62, condition 83; currants, bloom 100, condition 63. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 93, condition 98; lambs, number 93, condition 93; calves, number 89, condition 100; colts, number 91, condition 95. The average price of colts at weaning time is \$42; cost of service \$13. About 10 per cent. of the foals die before weaning time.

JACKSON—During the past ten days corn has made rapid growth and is in fine condition. The area planted is about the same as last season. Sorghum cane has a much larger area this spring than last season and is doing well. Winter wheat has made great improvement since last report and promises about three-fourths of an average yield per acre. Oats are generally good and will make a full average yield per acre. Meadows are poor and the hay crop will be short. Pastures were never in poorer condition at this season of the year. The weather has been cold and dry nearly all spring. There will be a fair yield of fruit of all kinds. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 77, condition 77; peaches, bloom 87, condition 85; pears, bloom 100, condition 75; plums, bloom 75, condition 82; cherries, bloom 100, condition 100; grapes, bloom 100, condition 100; strawberries, bloom 100, condition 80; raspberries, bloom 100, condition 87; blackberries, bloom 100, condition 100; gooseberries, bloom 92, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per centage and are as follows: Pigs, number 76, condition 85; lambs, number 87, condition 92; calves, number 102, condition 90; colts, number 90, condition 92. The average price of colts at weaning time is \$27; cost of service \$10. About 6 per cent. of the foals die before weaning time.

JASPER—The early planting of corn was nearly all destroyed by the cut-worm, consequently a much larger area than usual has been replanted. The general area of corn planted this spring is larger by 10 per cent. than that of last season. Winter wheat will make about half an average yield per acre. Broom corn and sorghum cane have about the same area as last season, and are making fine growth. Oats are a little backward but are rapidly improving in condition since the recent rains. Tobacco looks well and has about the same area as last season. Meadows and pastures are in fine condition. Irish and sweet potatoes have about the same area as last season and are looking well. The fruit prospect is better than for several past. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 97, condition 92; peaches, bloom 107, condition 102; pears, bloom 105, condition 102; grapes, bloom 100, condition 100; strawberries, bloom 90, condition 90; raspberries, bloom 100, condition 100; blackberries, bloom 75, condition 85; gooseberries, bloom 98, con.

dition 98; currants, bloom 63, condition 62. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 78, condition 75; lambs, number 83, condition 83; calves, number 85, condition 92; colts, number 103, condition 102. The average price of colts at weaning time is \$42; cost of services \$12. About 9 per cent. of the foals die before weaning time.

JEFFERSON—The area devoted to corn is about the same as last season. The condition of the growing crop is nearly up to the average for June 1. There is considerable complaint of cut-worms damaging the corn. Winter wheat will make but little over one-third of an average yield per acre. Broom corn and sorghum cane are doing well. Owing to the drouth oats and rye are not up to the June 1 average in condition. Meadows have not recovered from the drouth last fall and the prospect for hay is not encouraging. Pastures are not doing well and are being worked by the army worm. Irish and sweet potatoes are doing well and have an area equal to that of last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 55, condition 82; peaches, bloom 112, condition 109; pears, bloom 83, condition 83; plums, bloom 103, condition 88; cherries, bloom 102, condition 90; grapes, bloom 100, condition 100; strawberries, bloom 89, condition 92; raspberries, bloom 100, condition 100; blackberries, bloom 86, condition 81; gooseberries, bloom 103, condition 100; currants, bloom 75, condition 75. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 87, condition 95; lambs, number 105, condition 100; calves, number 100, condition 97; colts, number 105, condition 100. The average price of colts at weaning time is \$50; cost of service, \$8. About 5 per cent. of the foals die before weaning time.

JERSEY—Corn was a long time coming up on account of the cold, dry weather of the past month. The early corn made its appearance above ground on April 20. The seed was very good, and comparatively little replanting was required. Winter wheat was damaged by winter-killing. Some of the early seeding looks well, but the general condition is not encouraging for more than half an average yield per acre. Sorghum cane has made fine growth. Oats are very rank, and promise more than an average yield per acre. Meadows are backward. The cold, dry weather of the past two months has not been favorable for the rapid growth of grass. Clover meadows are not in as good condition as timothy. Irish and sweet potatoes are making full growth, and have an area equal to that of last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 90; peaches, bloom 100, condition 100; pears, bloom 103, condition 80; raspberries, bloom 87, condition 75; blackberries, bloom 100, condition 90; gooseberries, bloom 90, condition 92; currants, bloom 70, condition 95. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per centage

and are as follows: Pigs, number 87, condition 80; lambs, number 100, condition 100; calves, number 95, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is \$37; cost of service \$12. About 5 per cent. of the foals die before weaning time.

JODAVIES—The area devoted to corn is about the same as last season. The early planting did not come up well and much of the area had to be replanted the second time. Winter wheat will make about an average yield per acre. Spring wheat, oats, rye and barley are doing well and promise a full average yield per acre. Tobacco is looking well and has an area equal to that of last season. Old meadows are in poor condition; the grass is thin and short. New meadows are in very good condition. Pastures are doing well. Irish potatoes have an area about as large as last season. There is a fair prospect for every variety of fruit raised in this latitude. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 117, condition 87; plums, bloom 27, condition 60; grapes, bloom 100, condition 100; strawberries, bloom 112, condition 105; blackberries, bloom 95, condition 95; gooseberries, bloom 109, condition 100; currants, bloom 70, condition 70. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 75, condition 100; calves, number 100, condition 100; colts, number 75, condition 100. The average price of colts at weaning time is \$35; cost of service, \$15. About 3 per cent. of the foals die before weaning time.

JOHNSON—Corn was above ground early in May, but the cut-worms have been unusually numerous and have done great damage to the growing crop. Corn is small for this season of the year. The prospect for winter wheat is not good for more than two-thirds of an average yield per acre. Some fields look fair, but most of the wheat is low and thin on the ground. Oats and rye are in fine condition. The area devoted to tobacco is nearly 50 per cent. larger than last season. The condition of the growing crop is good. Meadows and pastures are backward, but are improving rapidly since the recent rains. The army worm is doing great damage in some localities. Irish and sweet potatoes are making fine growth. There is a fine prospect for nearly every variety of fruit. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 100; peaches, bloom 97, condition 100; pears, bloom 100; condition 100; grapes, bloom 95, condition 100; strawberries, bloom 93, condition 78; raspberries, bloom 100, condition 100; blackberries, bloom 100, condition 100; gooseberries, bloom 97, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 98, condition 90; lambs, number 100, condition 100; calves, number 98; condition 95; colts, number 100. The average price of colts at weaning time is \$40; cost of service, \$6. About 2 per cent. of the foals die before weaning time.

KANE—Corn planted during April and the first of May lay in the ground for nearly three weeks before it made its appearance. Much of it failed to germinate and a large amount of replanting was required. The area devoted to corn is not quite so large as last season. Winter wheat will make nearly an average yield per acre. Spring wheat came up well; has made a good stand and promises an average yield per acre. Oats stand thick on the ground and have made a rapid growth and a promise a heavy yield per acre. Broom corn is doing well. Rye, barley and flax are making fair growth. Meadows are looking well and promise a large crop of hay. Pastures have improved since the recent rains, and afford an abundant supply of grass for stock. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 82, condition 84; peaches, bloom 100, condition 85; pears, bloom 100, condition 90; strawberries, bloom 105, condition 110; blackberries, bloom 94, condition 96; gooseberries, bloom 96, condition 99; currants, bloom 62, condition 99. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 86, condition 98; lambs, number 95, condition 97; calves, number 96, condition 96; colts, number 91, condition 91. The average price of colts at weaning time is \$39; cost of service \$13. About 8 per cent. of the foals die before weaning time.

KANKAKEE—The stand of corn is good, but the plant is not as far advanced as usual for June 1. There is little or no change in the area planted as compared with last season. Winter wheat will make about three-fourths of an average yield per acre. Spring wheat, oats and rye are doing well. Meadows and pastures are making rapid growth since the recent rains and warm weather set in. Irish and sweet potatoes are in fine growing condition and cover an area equal to that of last season. The prospect is encouraging for a better yield of fruit of all kinds (except peaches) than for several years past. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 80, condition 75; plums, bloom 100, condition 60; cherries, bloom 97, condition 85; grapes, bloom 84, condition 88; strawberries, bloom 107; raspberries, bloom 86, condition 88; blackberries, bloom 94, condition 96; gooseberries, 96, condition 69; currants, bloom 62, condition 99. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 99, condition 97; calves, number 98, condition 97; colts, number 97, condition 100. The average price of colts at weaning time is \$43; cost of service \$11. About 8 per cent. of the foals die before weaning time.

KENDALL—Corn made its first appearance above ground May 1. Owing to the unfavorable weather during April and the first half of May a great deal of the seed failed to germinate and many farmers were required to replant the second time. The area planted is about the same as last season; the condition is considerably below the average. Winter wheat promises about two-thirds of an average yield per acre. Spring wheat,

oats and rye are doing well. Clover meadows were badly winter-killed and timothy has not recovered from last season's drouth. The hay crop will be unusually light. Pastures are backward but are improving since the recent rains. The fruit trees of this county are in poor condition, owing to winter-killing in 1885. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 80, condition 75; plums, bloom 100, condition 60; cherries, bloom 97, condition 85; strawberries, bloom 87, condition 80; blackberries, bloom 90, condition 100; gooseberries, bloom 100, condition 60; currants, bloom 87, condition 80. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 84, condition 97; lambs, number 75, condition 100; calves, number 100, condition 100; colts, number 92, condition 100. The average price of colts at weaning time is \$35; cost of service \$13. About 5 per cent. of the foals die before weaning time.

KNOX—The cold weather during the early part of May caused much of the corn to rot in the ground and a large amount of replanting has been done in consequence. The area planted is a little larger than that of last season and the general condition below the average. Winter wheat will make about four-fifths of an average yield per acre. Spring wheat oats and rye are all backward but are improving since the rains. Meadows have not recovered from the effects of the drouth last summer. Pastures are short but are improving. The late frosts have injured the fruit bloom to some extent. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 85, condition 105; plums, bloom 107, condition 82; pears, bloom 100, condition 100; strawberries, bloom 102, condition 92; blackberries, bloom 100, condition 100; gooseberries, bloom 103, condition 106; currants, bloom 98, condition 86. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 84, condition 97; lambs, number 75, condition 100; calves, number 100, condition 100; colts, number 88, condition 99. The average price of colts at weaning time is \$36; cost of service, \$13. About 4 per cent. of the foals die before weaning time.

LAKE—Corn made its appearance above ground about the 10th of May. The early planting was frozen out and the area had to be replanted. The area is not so large as last season. Winter wheat will make about two-thirds of an average yield per acre. Spring wheat, oats, rye and sorghum cane are all doing well. Meadows are fast recovering from last season's drouth. Clover was winter-killed and has almost entirely disappeared from the pastures. Since the recent rains grass has greatly improved. There is an increased area planted to Irish potatoes and the growing crop looks well. Fruit trees are in full bloom, and if the condition remains favorable there will be a large yield of every kind of fruit grown in this latitude. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 102, condition 97; peaches, bloom 100, condition 100; pears, bloom 100, condition 100; rasp-

berries, bloom 95, condition 90; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 70, condition 80. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 82, condition 100; lambs, number 70, condition 100; calves, number 92, condition 100; colts, number 102, condition 100. The average price of colts at weaning time is \$47; cost of service, \$13. About 4 per cent. of the foals die before weaning time.

LASALLE—Corn made its first appearance above ground May 7. The stand is very uneven; about one-third of the area had to be replanted. The area is about the same as last season. Sorghum cane is making fine growth. Winter wheat will make about two-thirds of an average yield per acre. Spring wheat, oats and rye are doing well and all promise a full average yield per acre. Meadows and pastures are not quite up to the average condition for June 1, but are improving since the late rains. Irish potatoes have an increased area when compared with last season, and are making rapid growth. The prospect for fruit is fair. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 84, condition 81; plums, bloom 100, condition 82; cherries, bloom 79, condition 74; grapes, bloom 87, condition 87; strawberries, bloom 102, condition 100; raspberries, bloom 87, condition 80; blackberries, bloom 75, condition 70; gooseberries, bloom 100, condition 100; currants, bloom 95, condition 94. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 88, condition 100; lambs, number 86, condition 100; calves, number 88, condition 96; colts, number 82, condition 100. The average price of colts at weaning time is \$52; cost of service, \$17. About 6 per cent. of the foals die before weaning time.

LAWRENCE—The early planting of corn made its appearance above ground April 25. The weather during the first half of May was cold and dry and corn did not make much growth. Cut-worms injured the corn very badly on sod ground. A great deal of replanting has been done. Broom corn, sorghum cane and oats are not up to the average June 1 condition. Winter wheat will make about two-thirds of an average yield per acre. Meadows and pastures are very backward. The grass has made but little growth during the past month. Irish and sweet potatoes are doing well and have an acreage equal to that of last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 92, condition 70; peaches, bloom 106, condition 100; pears, bloom 88, condition 70; raspberries, bloom 90, condition 95; blackberries, bloom 70, condition 63; gooseberries, bloom 98, condition 97; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 97, condition 85; lambs, number 100, condition 100; calves, number 97, condition 98; colts, number 95, condition 92. The average price of colts at weaning time is \$37;

cost of service, \$11. About 7 per cent. of the foals die before weaning time.

LEE—The area devoted to corn is about the same as last season. The weather has been unfavorable for the growth of corn during the past month. Winter wheat will make about four-fifths of an average yield per acre. Spring wheat, oats and rye are doing well. Meadows are above the average in condition and the prospect is good for a large hay crop. Pastures are in fine condition and are improving daily since the recent rains. Irish and sweet potatoes have a larger area than last season and are making fair growth. The fruit prospect is good. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 85, condition 79; plums, bloom 81, condition 50; cherries, bloom 65, condition 50; grapes, bloom 95, condition 95; raspberries, bloom 97, condition 97; blackberries, bloom 77, condition 77; gooseberries, bloom 89, condition 94; currants, bloom 83, condition 100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 95, condition 100; lambs, number 100, condition 100; calves, number 97, condition 102; colts, number 91, condition 97. The average price of colts at weaning time is \$35; cost of service, \$12. About 7 per cent. of the foals die before weaning time.

LIVINGSTON—Corn looks yellow and pale on account of the late frosts. The past month has been unseasonable and corn has made but little growth. The area planted to corn is a little less than that of last season. Winter wheat will not make to exceed half an average yield per acre. Spring wheat, oats and rye are all making good growth, but are not up to the average for June 1. Flax is in poor condition and the area seeded is smaller than last season. Meadows and pastures are backward, but are improving since the recent rains. There will be a fair yield of fruit. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 93, condition 72; peaches, bloom 90, condition 80; pears, bloom 90, condition 80; grapes, bloom 97, condition 97; strawberries, bloom 88, condition 94; raspberries, bloom 72, condition 67; blackberries, bloom 87, condition 82; gooseberries, bloom 68, condition 70; currants, bloom 58, condition 57. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 74, condition 95; lambs, number 90, condition 95; calves, number 90, condition 98; colts, number 94, condition 97. The average price of colts at weaning time is \$43; cost of service, \$12. About 10 per cent. of the foals die before weaning time.

LOGAN—The area devoted to corn is about the same as last season. The excessive rains are damaging the late planting. The general condition of the growing crop for June 1 is below the average. Winter wheat has recovered wonderfully since the late rains and promises more than two thirds of an average yield per acre. Sorghum cane is doing well. Spring wheat, oats and rye are making fine growth. The area seeded to flax is larger than that of last season. Meadows and pas-

tures are improving rapidly since the recent rains. There is a fair prospect for fruit. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 102, condition 102; plums, bloom 102, condition 100; pears, bloom 101, condition 96; grapes, bloom 90, condition 88; strawberries, bloom 101, condition 99; raspberries, bloom 9, condition 83; blackberries, bloom 96, condition 90; gooseberries, bloom 103, condition 102; currants, bloom 102, condition 101. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 92, condition 99; lambs, number 90, condition 95; calves, number 91, condition 91; colts, number 100, condition 100. The average price of colts at weaning time is \$47; cost of service, \$17. About 4 per cent. of the foals die before weaning time.

MACON—Corn made its first appearance above ground about May 5. The stand is good, but the cut-worm has caused considerable replanting. The area planted is a little larger than last season. Winter wheat will make about two-thirds of an average yield per acre. Spring wheat, oats and rye are making rapid, vigorous growth and all promise more than an average yield per acre. Clover meadows were nearly all winter-killed and are in poor condition. Timothy is backward and thin on the ground. Pasturage is far below the average for June 1. Irish and sweet potatoes are looking well. Fruit generally is well set and the trees are in good condition. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 106, condition 100; plums, bloom 100, condition 100; pears, bloom 100, condition 100; grapes, bloom 102, condition 100; strawberries, bloom 78, condition 75; raspberries, bloom 93, condition 93; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 78, condition 100; lambs, number 100, condition 102; calves, number 100, condition 100; colts, 94, condition 96. The average price of colts at weaning time is \$45; cost of service \$14. About 5 per cent. of the foals die before weaning time.

MACOUPIN—The area planted to corn is considerably larger than that of last season. A large area of corn was planted early but owing to the cold, dry weather of April and first half of May the plant did not do well. The cut-worm did great damage to corn planted on sod land. Winter wheat will not exceed one-half of a crop. The conditions have been unfavorable since seeding. Sorghum cane is making fine growth and has an area equal to that of last season. Oats and rye are about up to the average condition for June 1. Meadows are slowly recovering from the effects of the drouth last fall but are not up to the average June 1 condition. Pastures are in poor condition. Irish and sweet potatoes are making fair growth and cover an area equal to that of last season. The fruit prospect is good. There will be a few peaches, the first for several years past. The percentage of bloom this spring and the condition of fruit June 1, as compared with an av-

erage, are as follows: Apples, bloom 103, condition 95; peaches, bloom 76, condition 100; pears, bloom 104, condition 102; plums, bloom 106, condition 97; cherries, bloom 104, condition 102; grapes, bloom 98, condition 100; strawberries, bloom 84, condition 77; raspberries, bloom 80, condition 96; blackberries, bloom 83, condition 81; gooseberries, bloom 91, condition 88; currants, bloom 81, condition 79. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 85, condition 90; lambs, number 89, condition 97; calves, number 94, condition 95; colts, number 105, condition 100. The average price of colts at weaning time is \$37; cost of service, \$9. About 5 per cent. of the foals die before weaning time.

MADISON—Most of the corn was planted during April, the seed being good; the stand is very even, and the larger portion of the growing crop has received an early cultivation. In fields planted on clover or sod lands the cut-worm has done much damage to the corn. Sorghum cane is a little backward. Winter wheat will not make more than half of an average yield per acre. Spring wheat and rye are not up to the average in condition June 1. Oats and barley are making fine growth. Tobacco has about the usual acreage and looks well. Meadows and pastures are backward; the season has been unfavorable to the rapid growth of grass. Fruit of all kinds promises a fair yield. There will be a peach crop this season, the first in several years past. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average are as follows: Apple, bloom 74, condition 72; peaches, bloom 70, condition 90; pears, bloom 90, condition 84; plums, bloom 87, condition 87; cherries, bloom 94, condition 89; grapes, bloom 98, condition 90; strawberries, bloom 97, condition 103; raspberries, bloom 102, condition 100; blackberries, bloom 102, condition 100; gooseberries, bloom 80, condition 82; currants, bloom 75, condition 83. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 75, condition 86; lambs, number 94, condition 95; calves, number 94, condition 95; colts, number 95, condition 97. The average price of colts at weaning time is \$45; cost of service, \$11. About 4 per cent. of the foals die before weaning time.

MARION—Corn made its first appearance above ground May 1. The seed was selected with great care and nearly every seed grew, making a very good stand, but too thick on the ground. The area planted is about the same as last season. There is great complaint of the chinch bug, cut-worm and canker worm in some localities, injuring the growing crop of wheat and corn. Winter wheat will yield less than a half crop. Sorghum cane is looking well. Oats and rye are backward and do not promise a large yield. The season has been unfavorable for spring crops. Meadows and pastures are in poor condition. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 96, condition 85; peaches, bloom 90, condition 97; pears, bloom 93, condition 88; plums, bloom 86, condition 91; cherries, bloom 87, condition 86; grapes, bloom 97, condition 87; strawberries, bloom

76, condition 84; raspberries, bloom 86, condition 95; blackberries, bloom 100, condition 100; gooseberries, bloom 96, condition 101; currants, bloom 90, condition 87. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 75, condition 86; lambs, number 94, condition 95; calves, number 94, condition 95; colts, number 95, condition 97. The average price of colts at weaning time is \$45; cost of service, \$11. About 4 per cent. of the foals die before weaning time.

MARSHALL—The area planted to corn this spring is not quite so large as that of last season. The growing crop is very backward on account of the dry, cold weather of April and first part of May. Winter wheat promises about three-fourths of an average yield per acre. Spring wheat, oats, rye and barley are all making fine growth. Meadows are in fine condition and promise a large yield of hay. Pastures are doing well since the rains. Irish potatoes have an area equal to that of last season and are looking well. There was an immense amount of apple bloom but the late frosts have damaged the prospect to some extent. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 96, condition 62; plums, bloom 95, condition 45; pears, bloom 60, condition 35; grapes, bloom 82, condition 67; strawberries, bloom 67, condition 65; raspberries, bloom 80, condition 62; blackberries, bloom 75, condition 49; gooseberries, bloom 97, condition 40; currants, 45, condition 30. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 70, condition 80; lambs, number 85, condition 90; calves, number 82, condition 90; colts, number 77, condition 92. The average price of colts at weaning time is \$52; cost of service \$20. About 12 per cent. of the foals die before weaning time.

MASON—The condition of the growing corn is considerably below the average for June 1. The area planted is about the same as last season. Winter wheat will make about three-fourths of an average yield per acre. Oats and rye are making fair growth. Meadows and pastures are thin and backward owing to the unfavorable weather of the early part of the spring. Irish and sweet potatoes are in fine condition and promise a large yield per acre. The soil is in fine condition for cultivation. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average are as follows: Apples, bloom 100, condition 95; plums, bloom 100, condition 99; cherries, bloom 70, condition 65; grapes, bloom 100, condition 95; strawberries, bloom 100, condition 100; raspberries, bloom 100, condition 80; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100; The number of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 90, condition 90; calves, number 95, condition 95; colts, number 77, condition 92. The average price of colts at weaning time is \$50; cost of service \$11. About 3 per cent. of the foals die before weaning time.

MCDONOUGH—Corn made its first appearance above ground May 1. The soil is in fine working condition, but the weather has been unseasonable and the plant has not made the usual growth for June 1. The area planted to corn is about the same as last season. Sorghum cane is doing very well and covers a much larger area than that of last season. Winter wheat will make about three-fourths of an average yield per acre. Spring wheat, oats, rye and barley are making fine growth and promise about an average yield per acre. Meadows and pastures were late in starting, but have made rapid improvement since the recent rains. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 101, condition 87; plums, bloom 100, condition 100; grapes, bloom 100, condition 58; strawberries, bloom 106, condition 75; raspberries, bloom 85, condition 78; blackberries, bloom 83, condition 70; gooseberries, bloom 87, condition 66; currants, bloom 62, condition 59. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 117, condition 92; lambs, number 100, condition 87; calves, number 100, condition 100; colts, number 98, condition 100. The average price of colts at weaning time is \$43; cost of service, \$14. About 5 per cent of the foals die before weaning time.

MCHEENRY—The area devoted to corn this season is about 10 per cent. larger than that of last season. The general condition is about as good as an average for June 1. The early planting made its appearance above ground May 20. Winter wheat will make about four-fifths of an average yield per acre. Sorghum cane is not doing well. Spring wheat, oats, rye and barley are making fine growth. Meadows are not up to the average condition for June 1. Clover was winter-killed and left mixed meadows in a poor condition. Pastures are improving rapidly. Irish and sweet potatoes are doing well and have an area equal to that of last season. The orchards of this county have been permitted to decay, owing to the uncertainty of the fruit crop, hence the fruit prospect is not flattering. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 107, condition 110; cherries, bloom 60, condition 20; grapes, bloom 100, condition 100; raspberries, bloom 80, condition 87; strawberries, bloom 100, condition 102; blackberries, bloom 87, condition 87; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 92, condition 100; lambs, number 70, condition 102; calves, number 100, condition 100; colts, number 205, condition 102. The average price of colts at weaning time is \$40; cost of service \$9. About 5 per cent. of the foals die before weaning time.

MCLEAN—Corn is very backward; the cold, dry weather of April and first half of May greatly retarded the growth. The stand is very uneven and the soil has been too wet for cultivation. The area planted is not so large as that of last season. Winter wheat will make about four-fifths of an average yield per acre. Spring wheat, oats and rye are in fair growing condition. Meadows

have made great improvement since the recent rains and will yield a fair crop of hay. Pastures are doing well. Irish potatoes have a larger area than last season and are making fine growth. Sweet potatoes are in good condition. Small fruit will be abundant. There is a fair prospect for apples. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 99; plums, bloom 100, condition 100; pears, bloom 100, condition 95; cherries, bloom 96, condition 87; grapes, bloom 85, condition 82; strawberries, bloom 85, condition 85; raspberries, bloom 78, condition 77; blackberries, bloom 90, condition 89; gooseberries, bloom 92, condition 93; currants, bloom 83, condition 83. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 96, condition 93; lambs, number 95, condition 98; calves, number 89, condition 94; colts, number 78, condition 85. The average price of colts at weaning time is \$59; cost of service, \$15. About 7 per cent. of the foals die before weaning time.

MENARD—The area devoted to corn this spring is not so large as that of last season. The growing crop is not up to the usual June 1 condition. Cut-worms have done great damage to corn planted on sod lands. The stand is fair but the plant is making very slow growth. Winter wheat has greatly improved since the recent rains and the outlook is encouraging for about three-fourths of an average yield per acre. Sorghum cane is not doing well and covers a smaller area than last season. Oats are a little late but the stand is good and at this time are making rapid growth. Rye is doing well. Meadows are backward. Clover was nearly all winter killed. Pastures are in fair condition. The prospect for apples and all the small fruits is very good. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 105, condition 103; plums, bloom 83, condition 83; pears, bloom 100, condition 90; cherries, bloom 90, condition 85; grapes, bloom 97, condition 98; strawberries, bloom 85, condition 94; raspberries, bloom 67, condition 77; blackberries, bloom 65, condition 75; gooseberries, bloom 83, condition 87; currants, bloom 57, condition 72. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 77, condition 96; lambs, number 95, condition 91; calves, number 91, condition 100; colts, number 101, condition 100. The average price of colts at weaning time is \$53; cost of service \$14. About 7 per cent. of the foals die before weaning time.

MERCER—The area planted to corn is somewhat larger than that of last season. Nearly all the early planting had to be replanted, owing to the cold, unfavorable weather of April and first half of May. The stand is very uneven. Winter wheat is looking well and will make about four-fifths of an average yield per acre. Spring wheat, oats and rye have made fine growth and promise a full average yield per acre. Meadows are slowly recovering from the effects of the drouth last season but are not up to the average condition for June 1. Pastures are doing fairly well. Irish potatoes have a

larger area than last season and are looking well. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 90, condition 80; plums, bloom 100, condition 63; cherries, bloom 49, condition 30; grapes, bloom 66, condition 47; strawberries, bloom 112, condition 101; raspberries, bloom 82, condition 75; blackberries, bloom 87, condition 94; gooseberries, bloom 96, condition 91; currants, bloom 71; condition 66. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 85, condition 91; lambs, number 92, condition 100; calves, number 91, condition 98; colts, number 59, condition 100. The average price of colts at weaning time is \$45; cost of service \$12. About 7 per cent. of the foals die before weaning time.

MONTGOMERY—About half of the area planted to corn this spring was planted during April, but the cold weather retarded its growth. There was very little replanting required. The area is 15 per cent. larger than last season. Broom corn and sorghum cane are doing well. Winter wheat will not make more than one-third of an average yield per acre. Meadows have not recovered from the drouth of last season, and are considerably behind in condition. Stock was turned in on pastures very early this spring before the grass got a good start, which kept the grass back until the recent rains since which there has been great improvement. Irish and sweet potatoes are doing well and have an area equal to that of last season. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 101, condition 82; peaches, bloom 107, condition 100; pears, bloom 99, condition 96; plums, bloom 99, condition 67; cherries, bloom 95, condition 78; grapes, bloom 100, condition 98; strawberries, bloom 70, condition 75; raspberries, bloom 72, condition 68; blackberries, bloom 64, condition 70; gooseberries, bloom 98, condition 97; currants, bloom 94, condition 95. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 79, condition 97; lambs, number 103, condition 98; calves, number 99, condition 100; colts, number 91, condition 101. The average price of colts at weaning time is \$41; cost of service, \$12. About 10 per cent. of the foals die before weaning time.

MORGAN—The area planted to corn this spring is larger than last season. The stand is good; ground in fine growing condition; no replanting, except on clover sod land, where the cut-worm has injured the plant. Winter wheat is heading and with favorable conditions until harvest, will make four-fifths of an average yield per acre. Broom corn and sorghum cane are looking well. Oats are a little short but are growing finely and will make a large yield. Rye is not in as good condition as oats, and will hardly make three-fourths of an average yield per acre. The growth of grass since the middle of May has been rapid and vigorous; the prospect is encouraging for a large hay crop. Pastures are fully two weeks behind in growth, but are making great improvement since the recent rains. The condition of the soil on the tilled lands is good. The per centage of bloom

this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 104, condition 100; peaches, bloom 80, condition 75; pears, bloom 97, condition 97; plums, bloom 107, condition 100; cherries, bloom 103, condition 93; grapes, bloom 100, condition 100; strawberries, bloom 82, condition 79; raspberries, bloom 87, condition 87; blackberries, bloom 77, condition 90; gooseberries, bloom 103, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 96 condition 97; lambs, number 90, condition 100; calves, number 100, condition 97; colts, number 105, condition 100. The average price of colts at weaning time is \$50; cost of service \$15. About 6 per cent. of the foals die before weaning time.

MOULTRIE—Corn is somewhat backward owing to the cold, dry weather during the early part of May. The area is larger than that of last season. Cut-worms have done great damage, causing more replanting than usual. Broom corn is doing well and is in fair condition for June 1. Winter wheat will not yield to exceed one-third of an average crop. Chinch bugs are working the wheat. Oats and rye are making good growth. Meadows and pastures are not quite up to the average condition for June 1, but are improving rapidly since the recent rains. Irish and sweet potatoes are making excellent growth. The prospect for fruit is more encouraging than for several years past. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 73; peaches, bloom 67, condition 90; pears, bloom 97, condition 100; plums, bloom 103, condition 83; cherries, bloom 97, condition 85; grapes, bloom 83, condition 83; strawberries, bloom 93, condition 93; raspberries, bloom 83, condition 80; blackberries, bloom 45, condition 63; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 86. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 82, condition 102; lambs, number 92, condition 100; calves, number 102, condition 97; colts, number 88, condition 97. The average price of colts at weaning time is \$42; cost of service \$12. About 9 per cent. of the foals die before weaning time.

OGLE—The area devoted to corn is a little larger than last season. The cut-worm destroyed nearly all the early planted, hence a larger area than usual has been replanted. Broom corn and sorghum cane have an area equal to that of last season and the growing crops are doing well. Winter wheat will make nearly an average yield per acre. Spring wheat, oats and rye are making splendid growth. Barley is backward and has a reduced area as compared with last season. Timothy meadows are doing well. Clover was nearly all winter-killed. Pastures are not up to the usual average for June 1. Irish and sweet potatoes are in fine growing condition and have an area about as large as that of last season. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 97, condition 90; plums, bloom 97, condition 95; pears bloom

100, condition 100; cherries, bloom 100, condition 100; grapes, bloom 100, condition 100; strawberries, bloom 100, condition 50; raspberries, bloom 100, condition 100; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 35, condition 40. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 67, condition 70; lambs, number 100, condition 100; calves, number 100, condition 100; colts, number 77 condition 87. The average price of colts at weaning time is \$42; cost of service, \$12. About 9 per cent. of the foals die before weaning time.

PEORIA—The condition of the growing crop of corn is not at all encouraging. The weather has been very unseasonable and much of the seed failed to germinate, hence the area replanted was larger than usual. The area planted is not quite so large as last season. The early seeded wheat is in fine condition and will make nearly an average yield per acre. The late seeding is not good. Spring wheat, oats and rye are backward but improving rapidly. Since the middle of May there has been great improvement in the condition of meadows and pastures. Irish and sweet potatoes are doing well. The orchards of this county are generally in poor condition. There is an abundance of bloom on healthy trees. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 84; plums, bloom 107, condition 87; cherries, bloom 45, condition 40; raspberries, bloom 91, condition 94; blackberries, bloom 106, condition 92; gooseberries, bloom 105, condition 100; grapes, bloom 100, condition 100; strawberries, bloom 93, condition 80; currants, bloom 102, condition 89. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 96, condition 90; lambs, number 91, condition 96; calves, number 86, condition 95; colts, number 89, condition 98. The average price of colts at weaning time is \$41; cost of service \$18. About 13 per cent of the foals die before weaning time.

PERRY—The area devoted to corn is about 10 per cent. larger than that of last season. The condition of the growing crop is fair; the stand is good and the soil in fine condition for cultivation. Winter wheat will make about four-fifths of an average yield per acre. Broom corn and sorghum cane are doing well. Oats and rye are making fair growth. Tobacco has an area equal to that of last season and the growing crop looks well. Meadows are being damaged by the army worm. Pastures are backward owing to the unfavorable season. Irish and sweet potatoes are doing well and have an increased area as compared with last season. The recent frosts injured the small fruit. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 89, condition 84; peaches, bloom 100, condition 91; pears, bloom 77, condition 87; plums, bloom 97, condition 92; cherries, bloom 102, condition 65; grapes, bloom 100 condition 97; strawberries, bloom 100, condition 95; raspberries, bloom 100, condition 100; blackberries, bloom 100, condition 100; gooseberries, bloom 102, condition 97; currants, bloom 100, condition

100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 85, condition 91; lambs, number 85, condition 97; calves, number 97, condition 196; colts, number 100; condition 100. The average price of colts at weaning time is \$50; cost of service, \$20. About 7 per cent. of the foals die before weaning time.

PIATT—Nearly all the first planting of corn was destroyed by cut-worms. The condition of the growing crop is very backward, but the stand is good and the plant strong. The area planted to corn is about as large as that of last season. Oats and rye are making fine growth and promise a full average yield per acre. Meadows are a little backward, but are improving in condition since the recent rains. Pastures are in about an average condition for June 1. Irish potatoes are looking well, but have a reduced area as compared with last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 100; cherries, bloom 100, condition 80; strawberries, bloom 100, condition 100; raspberries, bloom 100, condition 100; blackberries, bloom 50, condition 50. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 80, condition 100; lambs, number 75, condition 100; calves, number 100, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is \$50; cost of service, \$20. About 7 per cent. of the foals die before weaning time.

PIKE—The area devoted to corn is not so large as last season. The condition is considerably below the average for June 1. The cold, dry weather of April and the first half of May retarded the growth of corn. The cut-worm has done great damage in some localities. Winter wheat is thin on the ground but has good color and promises about two-thirds of an average yield per acre. Oats and rye are doing well and will make an average yield per acre. Meadows look well but are somewhat backward. Pastures are in fair condition. Clover was all nearly winter-killed. There is a fine prospect for apples and grapes. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100; condition 110; plums, bloom 100, condition 100; pears, bloom 100, condition 90; cherries, bloom 100, condition grapes, bloom 100, condition 100; strawberries, bloom 75, condition 62; raspberries, bloom 100, condition 100; blackberries, bloom 87, condition 87; gooseberries, bloom 87, condition 95, currants, bloom 87, condition 87. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 80, condition 75; lambs, number 60 condition 90; calves, number 105, condition 95; colts, number 112, condition 100. The average price of colts at weaning time is \$40; cost of service \$13. About 3 per cent. of the foals die before weaning time.

POPE—Corn is not up to the usual June 1 condition. The area planted is larger than

that of last season. Corn has been injured by cut-worms. More replanting done than usual. The fly and chinch-bug have damaged the growing wheat seriously. The yield will not exceed half a crop. Oats are backward in condition on account of the drouth, but since the recent rains have been making rapid growth. Meadows will not make more than half a crop of hay. Clover was nearly all winter-killed. Pastures are doing well, but are not up to the usual June 1 condition. Irish and sweet potatoes are in fair condition. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 95, condition 95; peaches, bloom 105, condition 102; pears, bloom 100, condition 100; plums, bloom 85, condition 92; cherries, bloom 80, condition 90; grapes, bloom 90, condition 95; strawberries, bloom 65, condition 100; raspberries, bloom 105, condition 100; blackberries, bloom 85, condition 87; gooseberries, bloom 90, condition 95; currants, bloom 87, condition 87. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 80, condition 75; lambs, number 60, condition 90; calves, number 100, condition 90; colts, number 100, condition 85. The average price of colts at weaning time is \$40; cost of service \$6. About 1 per cent. of the foals die before weaning time.

PULASKI—Corn is well advanced and much of it has been cultivated the second time. The stand is good and the area planted is about the same as last season. Sorghum cane is doing well. Winter wheat will not make half an average yield per acre. Oats are in fine condition and promise a large yield per acre. Meadows and pastures are not up to the usual June 1 condition but are improving rapidly since the recent rains. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 80, condition 97; peaches, bloom 110, condition 102; pears, bloom 97, condition 92; plums, bloom 97, condition 98; cherries, bloom 98, condition 102; grapes, bloom 103, condition 102; strawberries, bloom 77, condition 75; raspberries, bloom 98, condition 100; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 93, condition 84; lambs, number 96, condition 98; calves, number 98, condition 98; colts, number 105, condition 102. The average price of colts at weaning time is \$27; cost of service \$9. About 5 per cent. of the foals die before weaning time.

PUTNAM—Corn made its first appearance above ground May 15. Much of the seed rotted in the ground on account of the cold dry weather of the early spring. The cut-worm has done great damage and is causing a large area of corn to be replanted. Winter wheat looks well, but it is thin on the ground and will make about four-fifths of an average yield per acre. Spring wheat, oats and rye are doing well since the late rains. Meadows and pastures are about up to the average condition for June 1. Irish and sweet potatoes are doing well. The percentage of bloom this spring and the condition of fruit

June 1, as compared with an average, are as follows: Apples, bloom 103, condition 93; plums, bloom 80, condition 75; pears, bloom 50, condition 50; cherries, bloom 42, condition 70; grapes, bloom 100, condition 102; strawberries, bloom 102, condition 100; raspberries, bloom 98, condition 96; blackberries, bloom 102, condition 95; gooseberries, bloom 100, condition 93; currants, bloom 92, condition 67. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 90, condition 96; lambs, number 103, condition 100; calves, number 95, condition 97; colts, number 80, condition 99. The average price of colts at weaning time is \$47; cost of service \$22. About 12 per cent. of the foals die before weaning time.

RANDOLPH—Some of the early corn made its appearance May 10th. The general condition of the growing crop is fully up to the average for June 1. The cut-worm has done considerable damage in some localities. Broom corn and sorghum cane are doing well. Winter wheat will not make to exceed two-thirds of an average yield per acre. Oats, rye and barley are making fine growth. The area devoted to tobacco is larger by 25 per cent. than last season, the condition of the growing crop is better than an average for June 1. Meadows and pastures are very backward but are improving rapidly since the late rains. Irish and sweet potatoes are doing well. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 105, condition 97; peaches, bloom 80, condition 110; pears, bloom 100, condition 97; plums, bloom 100, condition 83; cherries, bloom 97, condition 103; grapes, bloom 110, condition 103; strawberries, bloom 55, condition 55; raspberries, bloom 95, condition 93; blackberries, bloom 80, condition 80; gooseberries, bloom 83, condition 88; currants, bloom 93, condition 98. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 78 condition 100; lambs, number 97, condition 100; calves, number 102, condition 100; colts, number 92; condition 100. The average price of colts at weaning time is \$34; cost of service \$10. About 4 per cent. of the foals die before weaning time.

RICHLAND—The early planting of corn made its appearance above ground April 20. The condition of the growing crop is considerably below the average. Broom corn and sorghum cane are doing well. Winter wheat has been seriously injured by the chinch bug and will not make more than half of an average yield per acre. The limited area of flax seeded in this county is in fair condition. Red top meadows are in very poor condition, but timothy and mixed meadows are doing very well. Pastures are making rapid growth since the rains. The prospect for fruit of all kinds was never better. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 107, condition 97; peaches, bloom 108, condition 102; pears, bloom 102, condition 100; plums, bloom 102, condition 99; cherries, bloom 107, condition 90; grapes, bloom 102, condition 100; strawberries, bloom 100, condition 97; raspberries, bloom 90, condition 87; blackberries, bloom

99, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 89, condition 95. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 63, condition 86; lambs, number 88, condition 94; calves, number 92, condition 93; colts, number 102, condition 99. The average price of colts at weaning time is \$35; cost of service, \$10. About 4 per cent. of the foals die before weaning time.

ROCK ISLAND—The area devoted to corn is a little larger than that of last season. Corn planted before May 10 had to be replanted owing to the seed rotting in the ground. The general condition is below the average. Winter wheat will yield about four-fifths of an average crop. Spring wheat, oats, rye and barley are all making fine growth and promise an average yield per acre. Meadows and pastures are in fair condition and are improving rapidly since the recent rains. Irish and sweet potatoes are looking well. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 92, condition 83; plums, bloom 90, condition 110; cherries, bloom 87, condition 70; grapes, bloom 102, condition 95; strawberries, bloom 100, condition 97; raspberries, bloom 90, condition 87; blackberries, bloom 99, condition 103; gooseberries, bloom 100, condition 100; currants, bloom 89, condition 85. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 84, condition 89; lambs, number 100, condition 105; calves, number 76, condition 85; colts, number 82, condition 87. The average price of colts at weaning time is \$37; cost of service \$12. About 5 per cent. of the foals die before weaning time.

SALINE—Corn made its first appearance about April 5. The early planting has been badly damaged by the cut-worm. The area planted is considerably larger than last season. Since the recent rains wheat has made some improvement but will not yield more than two-thirds of an average yield per acre. Sorghum cane has a much larger area than last season and is doing well. Oats are growing rapidly since the rains and with favorable conditions until harvest will make nearly an average yield per acre. Meadows and pastures are not up to the usual June 1 condition. Irish and sweet potatoes are making fine growth. Tobacco has a much larger area than last season and is doing well. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 90, condition 100; peaches, bloom 50, condition 90; plums, bloom 80, condition 90; cherries, bloom 90, condition 90; raspberries, bloom 100, condition 100; blackberries, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 80, condition 75; lambs, number 95, condition 95; calves, number 95, condition 95; colts, number 100, condition 100. The average price of colts at weaning time is \$48; cost of service, \$8. About 2 per cent. of the foals die before weaning time.

SANGAMON—The area of corn planted is a little larger than last season. The early planting made its appearance above ground May 5. The seed was selected with care and the stand is good, but the plant is a little backward. The weather for the past few days has been unfavorable for wheat. Wheat is heading very short and much of the crop will be difficult to harvest. The yield will not exceed four-fifths of an average. Oats and rye are making fine growth and a large yield per acre may be expected. There is very little clover. Timothy is doing well and will yield a full crop of hay. Pastures are short but improving since the rains of the past month set in. The prospect for fruit is better than for several years past. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 91; plums, bloom 105, condition 105; pears, bloom 92, condition 83; cherries, bloom 100, condition 97; grapes, bloom 93, condition 57; strawberries, bloom 81, condition 77; raspberries, bloom 87, condition 87; blackberries, bloom 97, condition 99; gooseberries, bloom 100, condition 100; currants, bloom 97, condition 100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 75, condition 87; lambs, number 90, condition 90; calves, number 87, condition 87; colts, number 87, condition 100. The average price of colts at weaning time is \$45; cost of service \$13. About 7 per cent. of the foals die before weaning time.

SCHUYLER—The early planting of corn was damaged by cut-worms during first part of May. The late planting has made a good stand and is doing well. Wheat has improved some since the late rains and if the conditions remain favorable the yield will be about four-fifths of an average. Oats and rye are looking well; the late rains have caused them to grow very rank. Meadows are backward but are rapidly improving in condition. Pastures where not overstocked last season are doing well. Irish and sweet potatoes have made fine growth since last report. The fruit prospect is flattering except for peaches. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 117, condition 100; plums, bloom 100, condition 95; pears, bloom 108, condition 90; raspberries, bloom 97, condition 93; blackberries, bloom 97, condition 98; gooseberries, bloom 120, condition 103; currants, bloom 102, condition 100. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 95, condition 92; lambs, number 88, condition 100; calves, number 92, condition 100; colts, number 93, condition 100. The average price of colts at weaning time is \$55; cost of service \$15. About 12 per cent. of the foals die before weaning time.

SCOTT—There is considerable complaint of the cut-worm destroying the early planting of corn. The stand is fair and the general condition up to an average for June. The area is a little larger than last season. Winter wheat has improved very much during the last half of May, and fully three-fourths of an average yield per acre may be expected. Oats and rye are doing well. Meadows

have not recovered from last season's drouth but are making fair growth since the rains. Pastures are doing well. Irish and sweet potatoes are looking well, and cover an area equal to that of last season. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 105; plums, bloom 110, condition 100; pears, bloom 90, condition 95; cherries, bloom 100, condition 100; grapes, bloom 90, condition 90; strawberries, bloom 90, condition 82; raspberries, bloom 65, condition 65; blackberries, bloom 60, condition 60; gooseberries, bloom 100, condition 100; currants, bloom 92, condition 102.

SHELBY—The early planting of corn made its appearance above ground May 10. The cold, dry, unseasonable weather of April and part of May has greatly retarded the growth of corn. The area planted is 10 per cent. larger than last season. Broom corn and sorghum cane are doing well. Winter wheat will hardly make half of an average yield per acre. Oats are doing well and will make a full crop. Rye will yield but little over a half crop. There is great complaint of chinch bugs in the wheat and oats. Meadows and pastures are not up to the average in condition. Irish potatoes are doing well. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 103, condition 86; peaches, bloom 106, condition 95; pears, bloom 100, condition 91; raspberries, bloom 104, condition 98; blackberries, bloom 87, condition 69; gooseberries, bloom 100, condition 101; currants, bloom 88, condition 88. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 77, condition 89; lambs, number 96, condition 100; calves, number 93, condition 98; colts, number 99, condition 93. The average price of colts at weaning time is \$40; cost of service, \$12. About 4 per cent. of the foals die before weaning time.

STARK—The area devoted to corn is somewhat larger than last season. Planting has generally been late, owing to the dry, cold weather. The condition of the growing crop is not up to the average for June 1. Broom corn and sorghum cane are making fair growth. Winter wheat will make about four-fifths of an average yield per acre. Spring wheat, oats, rye and barley are doing well. Tobacco is in fair condition, but the area planted is not as large as last season. Meadows and pastures are improving in condition rapidly since the rains. Irish and sweet potatoes are making fine growth. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 104, condition 94; plums, bloom 100, condition 100; pears, bloom 100, condition 100; grapes, bloom 100, condition 96; strawberries, bloom 101, condition 95; raspberries, bloom 96, condition 95; blackberries, bloom 92, condition 90; gooseberries, bloom 112, condition 99; currants, bloom 98, condition 97. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per centage, and are as follows: Pigs, number 95, condition 92; lambs, number 99, condition 95; calves, number 94, condition 95; colts, number 97, condition 90. The average price of colts at wean-

ing time is \$41; cost of service \$12. About 10 per cent. of the foals die before weaning time.

ST. CLAIR—The condition of the growing corn is considerably above the average. The first appearance of corn above ground was May 1. Some complaint of cut-worms damaging the late plantings. The area planted is larger than last season. Winter wheat is nearly an entire failure. In some favorable localities there will be a light yield of wheat. Sorghum is doing well. Oats and rye are making fine growth and promise a large yield per acre. Meadows and pastures are very backward. Grass did not get a start until the late rains. Irish potatoes are growing rapidly and have a larger area than last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 80; peaches, bloom 100, condition 80; raspberries, bloom 50, condition 72; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 50, condition 50; lambs, number 100, condition 100; calves, number 100, condition 100. The average price of colts at weaning time is \$25; cost of service, \$16. About 5 per cent. of the foals die before weaning time.

STEPHENSON—The condition of the growing corn is not as good as usual for June 1. A large area has been replanted and the stand is not uniform. The area planted is larger than last season. Sorghum cane is doing well. Winter wheat will make nearly an average yield per acre. Spring wheat, oats, rye and barley are all making fair growth and promise about an average yield per acre. Tobacco is looking well. Meadows and pastures are not up to the usual condition for June 1, but are improving since the recent rains. Irish potatoes are making splendid growth. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 84, condition 98; plums, bloom 75, condition 100; grapes, bloom 83, condition 92; strawberries, bloom 95, condition 97; raspberries, bloom 85, condition 89; blackberries, bloom 83, condition 90; gooseberries, bloom 77, condition 82; currants, bloom 68, condition 69. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 73, condition 98; lambs, number 89, condition 100; calves, number 84, condition 96; colts, number 94, condition 96. The average price of colts at weaning time is \$41; cost of service \$11. About 10 per cent. of the foals die before weaning time.

TAZEWELL—Corn made its first appearance above ground on May 1, but has made but little growth since. The weather has been very unfavorable and the cut-worms unusually numerous. The seed was not up to an average in quality and much of it failed to germinate, causing a great deal of re-planting. Winter wheat will make three-fourths of an average yield. Oats and rye

are looking well. Meadows and pastures are backward but are now growing rapidly. Clover was nearly all winter killed. Irish and sweet potatoes are making fine growth and cover an area equal to last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 97, condition 90; plums, bloom 100, condition 100; peaches, bloom 100, condition 100; grapes, bloom 102, condition 101; strawberries, bloom 102, condition 100; raspberries, bloom 94, condition 95; blackberries, bloom 94, condition 97; currants, bloom 91, condition 95. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 90, condition 99; lambs, number 102, condition 100; calves, number 100, condition 100; colts, number 99, condition 100. The average price of colts at weaning time is \$50; cost of service \$15. About 9 per cent. of the foals die before weaning time.

UNION—The area planted to corn is about as large as last season. The condition of the growing crop is considerably below the average for June 1. Sorghum cane has an immense area and is making fine growth. Winter wheat will not make to exceed two-thirds of an average yield per acre. Oats are doing well. Meadows are in poor condition; the grass has not recovered from the effects of the drouth last season. Pastures are about in the same general condition as meadows. Irish and sweet potatoes are doing well. The fruit prospect is encouraging. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 105, condition 100; peaches, bloom 105, condition 100; pears, bloom 105, condition 100; cherries, bloom 100, condition 100; plums, bloom 100, condition 100; grapes, bloom 100; condition 100; strawberries, bloom 60, condition 50.

VERMILION—The area planted to corn this spring is nearly one-fifth larger than that of last season. Corn made its first appearance above ground about May 15, and has been damaged by cut-worms. The general condition is below an average for June 1. Winter wheat will not make more than two-thirds of an average yield per acre. Oats and rye are in fine growing condition. The condition of grass is hardly up to an average for this season of the year, hence meadows and pastures are backward. Irish and sweet potatoes are making fine growth, and have about the same area as last season. The per centage of bloom this spring and the condition of fruit June 1 as compared with an average, are as follows: Apples, bloom 98, condition 105; plums, bloom 100, condition 100; pears, bloom 100, condition 100; cherries, bloom 103, condition 98; grapes, bloom 105, condition 95; strawberries, bloom 100, condition 100; raspberries, bloom 75, condition 75; blackberries, bloom 78, condition 73; gooseberries, bloom 77, condition 75; currants, bloom 62, condition 48. The number of births of farm animals this season as compared with an average, are given by per centage and are as follows: Pigs, number 105, condition 102; lambs, number 97, condition 102; calves, number 90, condition 93; colts, number 107, condition 98. The average price of colts at weaning time is \$50; cost of service \$13. About 5 per cent. of the foals die before weaning time.

WABASH—There is quite an increase in the area planted to corn this spring as compared with that of last season. The condition of the growing crop is backward, but since the rains of the past week there is great improvement. Sorghum cane is doing well. Winter wheat is heading and with favorable conditions until harvest the yield will reach three-fourths of an average. Oats are of good color but the straw is short and the prospect is not encouraging for more than two-thirds of an average yield per acre. Meadows and pastures were in poor condition until the recent rains, since which the grass has been making fine growth. Irish potatoes are doing well. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 86, condition 100; peaches, bloom 95, condition 92; pears, bloom 95, condition 82; raspberries, bloom 97, condition 99; blackberries, bloom 84, condition 78; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 97. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 84, condition 87; lambs, number 87, condition 87; calves, number 95, condition 97; colts, number 100, condition 100. The average price of colts at weaning time is \$45; cost of service \$10. About 9 per cent. of the foals die before weaning time.

WARREN—The area devoted to corn is about as large as that of last season. The condition of the growing crop is not good. The unfavorable weather of the early spring retarded the growth of corn and much of the seed rotted in the ground. Broom corn and sorghum cane are doing well. Winter wheat has greatly improved since May 1, and will make four-fifths of an average yield per acre. Spring wheat, oats and rye are all looking well. Tobacco has made fine growth. Meadows and pastures are backward but are improving rapidly. Irish potatoes have an area equal to that of last season and are doing well. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 97; plums, bloom 99, condition 64; pears, bloom 80, condition 50; cherries, bloom 77, condition 49; grapes, bloom 96, condition 85; strawberries, bloom 102, condition 96; raspberries, bloom 100, condition 97; blackberries, bloom 97, condition 96; gooseberries, bloom 82, condition 83; currants, bloom 83, condition 96. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 107, condition 100; lambs, number 90, condition 97; calves, number 98, condition 98; colts, number 80, condition 98. The average price of colts at weaning time is \$40; cost of service \$14. About 12 per cent. of the foals die before weaning time.

WASHINGTON—The area devoted to corn this season is fully 18 per cent. larger than last spring. The condition of the growing crop is not up to the average for June 1. The stand was good but has been injured by cut-worms. Winter wheat is nearly a failure. A large area was plowed up and planted to other grain. The yield will not be more than one-third of an average. Oats have made a fair stand and promise a good yield. Meadows and pastures have seldom been in as

poor condition on June 1. The drouth of last season killed the grass. Irish and sweet potatoes are doing well. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 86, condition 80; peaches, bloom 110, condition 100; pears, bloom 101, condition 95; raspberries, bloom 81, condition 83; blackberries, bloom 97, condition 90; gooseberries, bloom 90, condition 88; currants, bloom 79, condition 87. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs, number 84, condition 90; lambs, number 97, condition 87; calves, number 105, condition 97; colts, number 102, condition 97. The average price of colts at weaning time is \$40; cost of service, \$9. About 8 per cent. of the foals die before weaning time.

WAYNE—The condition of the growing crop is considerably below the average for June 1. The early planted corn on clover sod was taken by the cut-worm. The area is larger than last season. Winter wheat made no improvement during May and will not make to exceed one-eighth of an average yield per acre. Broom corn and sorghum cane are doing well. Oats, rye and barley are making fair growth. Tobacco looks well. Meadows and pastures are in poor condition. The grass has not recovered from the effects of the drouth last summer. Irish potatoes are doing well. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 87, condition 77; peaches, bloom 92, condition 117; grapes, bloom 95, condition 95; strawberries, bloom 92, condition 92; raspberries, bloom 102, condition 62; blackberries, bloom 52, condition 68; gooseberries, bloom 103, condition 97; currants, bloom 97, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per centage, and are as follows: Pigs, number 62, condition 67; lambs, number 97, condition 100; calves, number 92, condition 97; colts, number 103, condition 100. The average price of colts at weaning time is \$37; cost of service, \$7. About 4 per cent. of the foals die before weaning time.

WHITE—The early planting of corn was nearly all destroyed by cut-worms. The late planting has made a good stand. The area planted is larger than last season. Winter wheat will not make more than two-thirds of an average yield per acre. Broom corn and sorghum cane are doing well. Oats and rye are not in good condition for this date. Tobacco looks well and has about the same area as last season. There will be a short crop of hay. Clover was all winter-killed. Pastures are in poor condition. Irish and sweet potatoes have made fine growth. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 93, condition 72; peaches, bloom 100, condition 97; pears, bloom 100, condition 90; grapes, bloom 125, condition 95; strawberries, bloom 87, condition 75; raspberries, bloom 80, condition 75; blackberries, bloom 67, condition 75; gooseberries, bloom 97, condition 50; currants, bloom 100, condition 70. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as

compared with an average, are given by per centage and are as follows: Pigs, number 92, condition 77; lambs, number 93, condition 97; calves, number 85, condition 82; colts, number 97, condition 97. The average price of colts at weaning time is \$45; cost of service \$10. About 9 per cent. of the foals die before weaning time.

WHITESIDE—The early part of the month of May was dry and cold consequently corn did not make much headway. Much of the seed rotted in the ground. The area is larger than last season. Winter wheat will not make to exceed one-half an average yield per acre. Spring wheat, oats, rye and barley are doing well and promise an average yield per acre. Meadows and pastures are in poor condition owing to the unfavorable spring. Irish potatoes are doing well and have an area equal to that of last season. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 100; plums, bloom 102, condition 100; pears, bloom 100, condition 100; grapes, bloom 100, condition 100; strawberries, bloom 97, condition 97; raspberries, bloom 100, condition 110; blackberries, bloom 80, condition 80; gooseberries, bloom 100, condition 75; currants, bloom 100, condition 75. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 80, condition 100; lambs, number 100, condition 100; calves, number 100, condition 92; colts, number 107, condition 100. The average price of colts at weaning time is \$45; cost of service \$16. About 5 per cent. of the foals die before weaning time.

WILL—The area devoted to corn is fully 10 per cent. less than that of last season. The condition of the growing crop is not as good as usual for June 1. Broom corn and sorghum cane are not in good condition. Oats and rye are making only fair growth. Winter wheat will make about four-fifths of an average yield per acre. Barley and flax are hardly up to the average condition for June 1. Tobacco is doing fairly well since the recent rains. Meadows and pastures are rapidly improving in condition. Irish potatoes look well. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 78, condition 88; plums, bloom 100, condition 100; grapes, bloom 75, condition 78; pears, bloom 62, condition 72; raspberries, bloom 97, condition 100; blackberries, bloom 62, condition 62; gooseberries, bloom 80, condition 80; currants, bloom 75, condition 75. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 73, condition 98; lambs, number 98, condition 100;

calves, number 97, condition 100; colts, number 100, condition 101. The average price of colts at weaning time is \$42; cost of service \$16. About 13 per cent. of the foals die before weaning time.

WILLIAMSON—The area planted to corn this spring is more than 10 per cent. larger than last season. The condition of the growing crop is hardly up to the average for June 1. The early corn made its appearance above ground April 1. Sorghum cane has made only fair growth. Winter wheat will make about four-fifths of an average yield per acre. Oats and rye are doing well. This is the only county in the State that raises cotton; the plant looks well and the area is about as large as last season. Tobacco is doing well. Meadows and pastures are not up to the usual condition for June 1. Irish and sweet potatoes are doing finely. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 91, condition 61; peaches, bloom 100, condition 100; pears, bloom 94, condition 82; strawberries, bloom 73, condition 62; blackberries, bloom 95, condition 97; gooseberries, bloom 80, condition 70; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 59, condition 67; lambs, number 100, condition 100; calves, number 96, condition 100; colts, number 94, condition 100. The average price of colts at weaning time is \$40; cost of service, \$8. About 2 per cent. of the foals die before weaning time.

WINNEBAGO—The first corn made its appearance above ground May 15. The early planting rotted in the ground and there was more replanting done than for several years past. The area is about the same as last season. Winter wheat will make about four-fifths of an average yield per acre. Broom corn, sorghum cane, spring wheat, oats, rye and barley are all making excellent growth and promise an average yield per acre. Meadows and pastures have not recovered from the effects of the last summer's drouth, but since the rains the condition of grass has improved. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 90, condition 80; plums, bloom 105, condition 95; pears, bloom 100, condition 80; raspberries, bloom 105, condition 89; strawberries, bloom 107, condition 100; currants, bloom 52, condition 75. The number of births of farm animals this season, as compared with last spring and the condition of young stock as compared with an average, are given by per centage and are as follows: Pigs, number 88, condition 79; lambs, number 65, condition 85; calves, number 100, condition 97; colts, number 90, condition 97. The average price of colts at weaning time is \$40; cost of service \$17. About 13 per cent. of the foals die before weaning time.

AREA AND CONDITION OF CORN.

COUNTIES.	Area, 1882.	Area, 1883.	Area, 1884.	Area, 1885.	Area, 1886.	Area, 1887.	Area 1888, com- pared with 1887	Condition June 1, 1888.	Condition June 1, 1887.	Condition June 1, 1886.	Condition June 1, 1885.	Condition June 1, 1884.	Condition June 1, 1883.	Condition June 1, 1882.	Condition June 1, 1881.	Quality of seed compared to an average.	First appearance above ground.
NORTHERN DIVISION.																	
Boone.....	34,080	35,405	32,076	33,089	30,877	30,524	95	77	102	89	81	95	75	81	77	87	May 18.
Bureau.....	169,168	165,203	151,991	145,066	46,454	138,135	92	82	99	99	92	94	70	81	73	75	May 12.
Carroll.....	68,768	68,658	60,950	64,907	56,156	56,156	103	62	102	101	92	97	65	75	64	64	May 20.
Cook.....	57,277	48,937	46,109	44,728	43,179	46,594	102	90	104	100	89	95	73	75	82	92	May 15.
DeKalb.....	117,684	111,901	104,484	107,823	99,881	90,628	105	95	105	98	95	109	83	73	81	101	May 15.
DuPage.....	34,588	31,199	30,630	33,064	31,039	29,260	103	98	109	97	95	87	85	78	86	93	May 15.
Grundy.....	90,255	87,536	78,792	80,875	88,769	82,754	100	80	109	77	87	103	74	76	113	97	May 5.
Henderson ..	72,369	64,691	64,691	58,705	53,077	54,060	97	85	90	108	60	100	70	60	88	105	May 1.
Iroquois.....	182,529	172,368	208,528	208,700	213,628	215,024	102	90	111	107	84	113	91	85	102	96	May 1.
Kane.....	58,069	57,365	51,404	53,832	43,132	52,770	96	88	97	98	87	98	76	85	88	95	May 20.
Kankakee ..	109,438	100,637	79,364	95,004	98,012	91,105	98	93	105	103	90	100	85	86	111	94	May 10.
Kendall ..	68,538	92,109	58,065	57,572	58,251	56,417	98	74	99	87	86	98	76	85	77	95	May 15.
Knox.....	134,585	127,172	119,426	120,741	103,938	93,944	102	77	109	97	85	103	53	60	100	73	May 1.
Lake.....	26,744	27,634	23,584	22,881	24,542	24,542	90	82	101	98	85	96	92	94	87	100	May 10.
LaSalle.....	234,340	219,972	192,978	194,342	216,884	205,888	98	61	103	98	95	101	83	81	72	95	May 7.
Lee.....	142,146	140,146	140,146	139,008	139,571	85,590	98	77	110	102	67	92	50	77	80	99	May 10.
Livingston ..	246,651	248,680	233,766	223,762	242,264	236,713	91	79	110	102	76	99	66	63	106	99	May 20.
Marshall.....	65,907	80,000	66,546	67,575	57,131	57,397	97	80	106	96	65	103	77	85	96	75	May 1.
McHenry.....	59,944	56,576	56,546	56,546	57,397	57,397	104	82	107	107	90	98	71	77	88	100	May 20.
Mercer.....	97,497	91,523	80,749	81,531	81,224	63,164	104	82	107	107	90	98	71	77	88	92	May 1.
Ogle.....	122,628	118,455	116,858	130,277	121,577	102,630	103	82	105	96	95	99	87	87	90	87	May 14.
Peoria.....	32,258	36,288	37,007	38,525	30,181	69,243	95	69	101	100	95	96	68	77	82	94	May 15.
Putnam.....	26,538	25,357	27,694	27,349	26,785	24,604	98	71	106	97	90	96	83	91	85	93	May 15.
Rock Island ..	58,887	55,817	55,625	53,504	48,667	48,669	102	84	105	89	79	102	76	89	73	96	May 10.
Stark.....	61,846	61,336	59,345	64,802	65,608	52,427	102	84	107	99	80	101	82	77	86	92	May 5.
Stephenson ..	82,711	82,711	78,569	74,621	72,156	70,163	103	90	104	95	91	96	86	80	91	92	May 20.
Warren.....	114,538	110,146	97,368	102,200	97,105	97,105	102	90	108	108	82	106	84	83	95	95	May 12.
Whiteside ..	113,675	103,334	88,796	100,728	118,969	95,561	102	92	93	89	82	75	70	75	70	100	May 10.
Will.....	130,203	120,387	115,372	116,728	118,969	114,200	90	82	92	106	112	88	88	78	90	103	May 15.
Winnebago ..	76,187	75,416	71,857	69,409	71,426	66,324	99	82	105	82	92	97	70	62	76	95	May 15.
Woodford.....	111,580	106,576	100,398	104,192	106,006	99,009	102	76	103	95	83	115	68	72	103	90	May 10.
Total average.....	3,320,652	3,315,291	3,004,889	3,062,614	3,011,948	2,806,943	99	82	103	96	84	98	75	78	98	91	

AREA AND CONDITION OF CORN—Continued.

COUNTIES.	Area, 1882.	Area, 1883.	Area, 1884.	Area, 1885.	Area, 1886.	Area, 1887.	Area 1888, com- pared with 1887.	Condition June 1, 1888.	Condition June 1, 1887.	Condition June 1, 1886.	Condition June 1, 1885.	Condition June 1, 1884.	Condition June 1, 1883.	Condition June 1, 1882.	Condition June 1, 1881.	(Quality of seed compared to an average.	First appearance above ground.
CENTRAL DIVISION.																	
Adams.....	87, 371	86, 663	90, 761	84, 910	80, 964	*100	87	100	96	81	97	78	66	100	100	*98	April 30.
Brown.....	33, 156	29, 490	31, 652	26, 659	28, 375	105	88	100	100	75	78	68	79	100	90	97	May 1.
Calhoun.....	14, 576	15, 619	22, 173	13, 807	11, 126	93	92	97	100	84	76	80	79	90	90	97	May 1.
Cass.....	49, 837	47, 342	43, 380	47, 274	47, 274	100	91	115	97	85	88	86	62	92	92	102	May 10.
Champaign.....	201, 183	212, 665	212, 151	221, 355	222, 800	108	97	100	98	100	98	98	62	91	100	100	May 5.
Christian.....	125, 891	122, 114	144, 320	128, 046	110, 783	112	96	102	100	90	86	73	47	98	102	102	May 1.
Clark.....	38, 544	39, 406	40, 775	37, 874	39, 995	103	98	99	93	85	83	91	67	85	77	98	May 5.
Coles.....	64, 706	54, 222	44, 873	63, 500	58, 111	109	100	101	107	84	91	81	67	85	102	102	May 8.
Cumberland.....	32, 332	28, 881	24, 030	28, 344	24, 320	98	94	97	92	88	87	83	82	82	82	102	May 1.
DeWitt.....	80, 236	79, 813	93, 617	82, 055	73, 307	97	86	107	105	73	109	93	72	98	98	103	May 10.
Douglas.....	79, 935	53, 262	62, 075	77, 227	58, 061	102	58	103	105	90	75	92	48	82	84	115	May 10.
Edgar.....	77, 918	90, 643	102, 406	94, 413	94, 631	108	93	104	96	87	87	92	70	101	94	100	May 8.
Ford.....	110, 103	111, 893	108, 411	103, 812	112, 792	98	90	106	111	75	109	82	63	101	97	93	May 10.
Fulton.....	104, 246	101, 351	102, 456	97, 491	92, 671	100	78	106	95	79	93	77	42	97	101	105	May 1.
Greene.....	52, 964	58, 374	72, 269	65, 572	57, 776	108	100	103	107	79	82	90	86	111	103	103	April 27.
Hancock.....	109, 383	98, 922	99, 713	93, 754	80, 646	99	81	111	100	90	100	67	52	98	101	101	May 1.
Jersey.....	53, 594	34, 423	33, 922	37, 411	38, 738	105	95	96	100	85	92	96	80	102	96	96	May 8.
Logan.....	135, 426	162, 171	187, 214	146, 679	135, 473	97	85	107	106	92	87	77	72	102	85	102	May 1.
Macon.....	103, 341	132, 241	124, 176	140, 123	116, 331	103	92	103	99	97	72	88	49	95	95	110	May 1.
Macoupin.....	111, 868	80, 637	91, 016	120, 406	95, 320	106	90	105	92	101	90	53	75	96	100	100	May 10.
Mason.....	43, 675	43, 675	43, 675	66, 301	62, 133	100	82	104	103	101	90	68	45	93	95	95	May 1.
McDonough.....	52, 415	76, 882	237, 429	230, 937	30, 229	97	85	108	105	76	93	83	65	99	100	97	April 20.
McLean.....	256, 888	243, 107	218, 215	230, 937	221, 139	92	81	107	98	87	94	75	60	101	101	101	April 25.
Menard.....	70, 146	31, 040	71, 150	75, 375	70, 350	96	91	99	92	95	78	80	79	103	100	101	May 1.
Morgan.....	108, 105	105, 891	103, 213	129, 158	109, 697	115	97	100	99	96	92	76	66	100	103	103	April 15.
Montgomery.....	115, 459	128, 159	142, 442	113, 306	104, 735	104	94	110	100	96	92	72	72	98	102	102	April 26.
Moultrie.....	54, 998	51, 309	45, 457	52, 860	52, 860	100	100	102	102	95	97	88	78	102	100	100	May 18.
Pike.....	76, 049	84, 703	60, 706	71, 131	79, 367	100	88	106	107	87	92	74	78	102	100	100	May 1.
Sangamon.....	157, 631	145, 120	153, 601	131, 887	132, 990	104	85	103	94	87	90	85	67	100	104	104	April 25.
Scott.....	46, 232	39, 686	42, 494	37, 614	37, 614	102	100	105	100	70	91	86	32	108	103	103	May 10.
Schoff.....	34, 415	12, 855	27, 895	22, 423	13, 562	103	100	102	100	92	89	61	70	100	103	103	May 8.
Shelby.....	89, 353	86, 908	100, 919	100, 329	79, 865	109	89	103	105	83	93	88	61	102	98	98	April 15.
Tazewell.....	121, 116	116, 077	109, 007	105, 913	97, 513	100	80	102	101	80	102	64	74	98	87	87	April 25.
Vermilion.....	217, 329	132, 397	134, 683	145, 598	145, 391	118	98	105	97	97	100	120	72	93	103	103	May 10.
Total or average	3, 068, 842	3, 038, 409	2, 860, 093	3, 040, 721	2, 863, 208	102	90	103	100	86	90	80	66	95	100	100	

AREA AND CONDITION OF CORN—Continued.

COUNTIES.	Area, 1882.	Area, 1883.	Area, 1884.	Area, 1885.	Area, 1886.	Area, 1887.	Area 1888, com- pared with 1887	Condition June 1, 1888.	Condition June 1, 1887.	Condition June 1, 1886.	Condition June 1, 1885.	Condition June 1, 1884.	Condition June 1, 1883.	Condition June 1, 1882.	Condition June 1, 1881.	(Quality of seed compared to an average.	First appearance above ground.
SOUTHERN DIVISION.																	
Alexander.....	8,323	7,131	3,416	8,845	8,862	8,862	101	100	100	95	115	53	73	26	61	102	May 1.
Bond.....	40,287	38,520	45,241	52,374	50,374	36,693	105	99	99	102	98	86	73	38	82	93	April 15.
Clay.....	27,212	32,755	32,755	30,014	29,299	29,806	104	97	99	94	93	86	40	89	95	93	May 1.
Clinton.....	54,062	51,206	51,206	68,995	52,601	46,153	110	100	100	106	71	65	75	87	76	110	May 10.
Crawford.....	32,417	36,360	34,251	33,151	29,102	31,834	98	90	93	85	96	76	91	94	73	92	April 30.
Edwards.....	16,479	17,241	18,152	15,651	15,527	13,527	80	85	95	100	100	81	80	100	88	100	April 10.
Edwards.....	41,531	35,589	42,385	46,051	48,738	41,445	102	100	95	102	94	88	88	89	90	97	May 5.
Fayette.....	38,306	41,939	47,769	55,469	62,726	52,350	105	100	120	94	104	92	97	86	96	100	April 30.
Franklin.....	19,952	3,487	47,769	10,665	25,282	34,058	105	85	100	98	95	73	83	95	81	92	May 1.
Gallatin.....	48,881	40,000	28,000	47,801	51,485	22,585	101	102	100	95	90	74	82	67	54	100	May 1.
Hamilton.....	32,187	23,342	27,438	31,076	40,344	36,251	97	86	97	94	80	80	85	95	75	94	May 10.
Hardin.....	5,297	5,460	3,708	10,133	9,247	9,677	100	98	80	97	50	95	90	96	76	102	May 1.
Harrison.....	22,634	20,564	19,556	26,966	25,768	23,710	95	90	100	92	75	92	80	65	95	95	May 1.
Jackson.....	31,799	30,507	35,353	33,247	34,226	42,950	108	100	94	95	87	64	77	81	84	100	May 10.
Jefferson.....	33,556	35,305	42,848	39,606	34,396	47,149	100	96	109	98	110	77	95	85	94	100	April 25.
Johnson.....	26,046	20,984	12,717	19,636	18,490	15,147	118	87	106	105	91	53	84	96	55	100	April 15.
Lawrence.....	15,446	28,309	27,421	31,439	32,865	31,177	101	92	93	95	102	87	105	90	92	99	April 25.
Madison.....	98,102	95,588	74,922	149,980	105,914	82,317	101	95	97	90	85	102	87	82	98	106	April 25.
Marion.....	37,172	39,301	39,301	43,089	39,003	49,204	100	94	97	90	87	100	67	89	85	100	April 20.
Massac.....	11,453	10,876	10,876	13,230	11,207	14,407	106	90	103	103	100	76	52	73	62	97	.....
Monroe.....	16,758	16,159	16,159	22,352	18,746	17,515	106	90	100	100	88	84	87	90	85	97	.....
Perry.....	8,371	12,316	12,316	16,253	15,698	13,937	110	95	100	100	88	87	87	93	91	97	April 20.
Pope.....	19,291	18,047	18,047	19,887	18,882	18,882	102	85	92	100	100	70	91	104	75	92	April 25.
Pulaski.....	12,992	10,370	10,057	12,130	14,205	12,196	99	98	100	97	101	80	92	98	81	100	May 20.
Randolph.....	22,800	25,781	24,684	28,631	26,249	26,249	92	102	104	100	88	95	87	84	72	101	May 1.
Richland.....	21,129	25,102	24,658	23,636	26,400	26,584	101	89	100	92	85	85	85	70	87	90	May 1.
Saline.....	23,972	17,562	15,557	22,910	30,719	30,719	115	80	93	92	85	78	80	79	87	90	May 1.
St. Clair.....	43,364	50,596	44,273	66,411	58,326	62,459	120	110	90	92	85	75	80	92	71	100	May 2.
Union.....	20,516	15,867	12,113	13,463	21,891	19,682	100	90	100	96	100	55	90	92	71	100	May 15.
Wabash.....	20,897	17,552	19,162	18,234	15,746	18,913	106	91	89	97	83	83	84	87	70	91	April 15.
Washington.....	27,669	33,941	32,435	48,475	38,780	33,900	178	87	95	98	100	75	86	85	92	97	April 20.
Wayne.....	39,615	35,351	40,229	43,962	40,674	38,962	107	83	81	92	80	75	86	82	95	103	May 1.
White.....	38,546	42,591	33,038	48,499	43,669	38,963	102	68	99	87	86	77	78	96	60	100	May 1.
Williamson.....	26,225	22,247	15,860	21,981	23,639	18,633	111	97	100	110	100	84	86	97	75	96	April 1.
Total or average.	982,558	950,890	973,837	1,164,253	1,100,640	1,048,975	104	92	97	96	91	81	85	88	80	98	

*Estimated.

CONDITION WINTER WHEAT.

CROP REPORT.

37

NORTHERN DIVISION.

CENTRAL DIVISION.

SOUTHERN DIVISION.

COUNTIES.	Average Condition.						Height June 1 1888—Inches.	COUNTIES.	Average Condition.						Height June 1 1888—Inches.	COUNTIES.	Average Condition.						Height June 1 1888—Inches.		
	May 1, 1888.	June 1, 1888.	June 1, 1887.	June 1, 1886.	June 1, 1885.	June 1, 1884.			May 1, 1888.	June 1, 1888.	June 1, 1887.	June 1, 1886.	June 1, 1885.	June 1, 1884.			May 1, 1888.	June 1, 1888.	June 1, 1887.	June 1, 1886.	June 1, 1885.	June 1, 1884.		May 1, 1888.	
Boone	90	105	78	100	100	95	96	Adams	65	*20	82	86	31	65	75	81	Alexander ..	79	100	95	110	52	92	79	105
Bureau	17	62	68	77	99	80	85	Brown	25	70	59	100	90	46	84	101	Bond	23	41	52	89	33	27	23	95
Bureau	13	62	68	77	99	80	85	Brown	18	50	59	102	102	102	74	99	Clay	25	56	55	55	33	37	23	95
Carroll	12	80	95	100	97	95	98	Calhoun	20	50	59	102	102	102	84	99	Clinton	36	25	47	100	33	61	55	95
Cook	50	100	100	100	100	100	100	Cass	31	72	87	102	104	77	92	102	Crawford	36	15	40	100	33	27	23	95
DeKalb	19	80	93	100	100	100	100	Champaign ..	17	58	69	102	103	40	97	102	Edwards	31	54	47	83	67	42	29	97
DuPage	36	*14	95	97	100	100	80	Christian	23	44	50	100	103	10	58	117	Efingham	18	82	25	40	65	40	83	115
Henderson	23	75	71	100	100	100	90	Clark	23	38	50	91	80	35	104	116	Fayette	23	45	56	102	77	18	43	105
Henry	13	100	72	70	105	103	95	Coles	22	73	32	103	105	17	79	44	Jefferson	100	60	78	85	40	50	50	102
Henderson	23	75	71	100	100	100	90	Cumland	22	34	42	110	97	32	77	61	Johnston	32	83	78	108	61	85	66	106
Iroquois	10	72	57	78	100	100	103	DeWitt	18	65	80	112	32	91	82	92	Gallatin	15	72	61	55	77	30	43	105
Jo Daviess	24	92	100	92	100	100	90	Douglas	17	55	36	93	101	30	72	48	Hamilton	70	80	87	113	40	103	67	99
Kane	30	75	95	92	100	100	90	Edgar	17	55	49	105	96	77	70	68	Hardin	30	73	70	87	75	75	66	112
Kankakee	14	80	77	91	75	100	96	Ford	21	63	74	88	90	60	94	86	Jackson	18	50	57	87	75	30	35	110
Kendall	24	80	86	93	99	95	100	Fulton	21	63	74	88	90	60	94	86	Jasper	30	73	70	87	75	30	35	110
Knox	24	80	86	93	99	95	100	Greene	33	55	74	102	103	34	80	92	Jefferson	30	46	42	37	38	25	32	97
Lake	14	72	93	90	101	88	93	Hancock	21	87	101	112	41	80	104	104	Johnson	30	95	87	66	80	32	63	28
LaSalle	24	66	71	70	95	70	93	Jersey	19	54	50	112	85	17	72	46	Lawrence	23	53	55	92	74	75	52	81
Lee	14	100	90	102	98	102	97	Loran	22	64	81	106	104	87	64	40	Madison	22	42	50	70	53	52	34	108
Livingston	13	75	53	72	100	100	100	Macon	21	56	70	99	104	5	60	40	Marion	35	75	72	88	103	38	71	106
Marshall	11	97	75	65	100	130	103	Macoupin	22	55	56	95	89	15	60	57	Massac	*28	73	80	60	66	95	59	110
McHenry	18	90	85	106	102	93	95	Mason	14	60	75	95	106	42	95	65	Monroe	35	80	87	95	60	62	68	37
Merced	24	77	92	65	108	75	85	McDonough ..	18	82	74	103	103	37	80	66	Perry	35	75	80	95	70	95	57	113
Monroe	15	75	90	89	64	96	103	McLean	22	78	83	93	102	42	80	68	Peoria	30	85	87	95	70	95	57	113
Ogle	15	75	90	89	64	96	103	Menard	25	66	75	107	107	32	89	67	Pope	46	103	93	107	71	101	60	106
Peoria	24	77	92	92	103	80	100	Montgomery ..	16	40	44	99	100	57	91	108	Pulaski	27	50	68	77	55	82	51	105
Putnam	12	83	85	82	99	98	100	Morgan	31	81	82	106	105	73	74	98	Randolph	11	69	53	71	70	32	49	113
Rock Island	19	86	79	87	102	99	100	Moultrie	17	47	36	90	102	36	84	64	Satine	65	60	73	92	45	82	56	104
Stark	17	85	92	72	94	90	100	Pike	62	69	97	105	75	85	65	108	St. Clair	30	50	10	67	53	12	56	101
Stephenson	33	86	90	104	92	100	100	Platt	27	68	69	109	117	8	93	65	Union	93	70	65	*78	61	76	101	104
Warren	12	75	80	90	100	100	82	Pike	23	72	81	106	115	17	50	66	Washington ..	32	83	76	61	78	49	68	104
Whiteside	12	75	80	90	100	100	82	Sangamon	30	50	87	95	100	15	82	82	Wayne	26	39	39	68	30	66	43	117
Will	87	65	95	105	101	101	90	Schuyler	30	50	87	95	100	15	82	82	White	12	55	32	36	44	34	77	100
Winnebago	14	75	82	71	88	100	90	Scott	30	67	58	105	93	32	71	99	Wayne	12	55	32	36	44	34	77	100
Woodford	22	72	87	92	100	105	100	Shelby	20	27	54	106	109	65	71	99	Williamson ..	36	64	58	52	84	34	77	100
Average ..	19	77	84	93	100	96	95	Tazewell	22	60	73	95	111	55	92	45	Average...	67	55	72	78	42	64	41	108
								Vermilion	30	42	63	100	115	62	95	82									

*Estimated

CONDITION SPRING WHEAT, JUNE 1, 1888.

NORTHERN DIVISION.					CENTRAL DIVISION					SOUTHERN DIVISION.																													
COUNTIES.	Av. condition June 1.				COUNTIES.	Av. condition June 1.				COUNTIES.	Av. condition June 1.																												
	May 1, 1888	1888	1887	1885		May 1, 1888	1888	1887	1885		May 1, 1888	1888	1887	1885																									
Average '88 compared with 1887	102	95	101	94	100	91	100	95		Average '88 compared with 1887	102	95	101	94	100	91	100	95		Average '88 compared with 1887	102	95	101	94	100	91	100	95		Average '88 compared with 1887	102	95	101	94	100	91	100	95	
Boone.....	107	90	97	83	99	80	95	80	95	Adams.....										Alexander.....																			
Bureau.....	83	92	94	88	100	98	100	95	80	Brown.....										Bond.....																			
Carroll.....	103	93	80	90	102	100	100	100	98	Calhoun.....										Clay.....																			
Cook.....	101	100	105	90	104	98	100	100	100	Cass.....										Clinton.....																			
DeKalb.....	100	97	98	85	102	85				Champaign.....	51	100								Crawford.....																			
DuPage.....	*106	*112	90	50						Christian.....	85	60	100							Edwards.....																			
Grundys.....	87	81	81	70	100					Clark.....										Efingham.....																			
Henderson...	104	94	102	68	105	103	100	95	100	Coles.....										Fayette.....																			
Henry.....	97	90	100	88	100					Cumberland.....										Franklin.....																			
Iroquois....	94	100	100	88	100					DeWitt.....	97	67	97	100	110	100	90	100		Gallatin.....																			
JoDavies....	75	100	100	93	87	100	99	90	90	Douglas.....										Hamilton.....																			
Kane.....	100	92	102	73	160	100	100	90	90	Edgar.....										Hardin.....																			
Kankakee....	150	92	100	75						Ford.....										Jackson.....																			
Kendall.....	112	89	97	81	100	95	100	90	90	Fulton.....										Jasper.....																			
Knox.....	107	92	92	92	100	100				Greene.....	100	100								Jefferson.....																			
Lake.....	107	97	103	91	101	88	96	95	95	Hancock.....										Johnson.....																			
LaSalle.....	82	95	100	90	95	70	93	50	90	Jersey.....										Lawrence.....																			
Lee.....	120	97	103	93	102	98	100	92	97	Logan.....										Madison.....																			
Livingston...	90	80	80	80	100					Macoupin.....	100	100	100	95	95					Marion.....																			
Marshall....	70	95	95	90	100	100	110	130	103	Mason.....										Massac.....																			
McHenry....	100	100	100	108	102	93	94	95	95	McDonough..										Monroe.....																			
Mercer.....	100	72	92	84	108	75				McLean.....	87	100	100	100	98	80	80			Perry.....																			
Ogle.....	100	85	93	97	99	91	96	90	90	Menard.....	100	95	90	98	98					Pope.....																			
Peoria.....	100	80	91	82	103	80	95	100	100	Montgomery..										Pulaski.....																			
Putnam.....	95	87	100	92	102	92	95	100	100	Morgan.....										Randolph.....																			
Rock Island..	97	88	93	83	99	98	100	100	100	Moutrie.....										Saline.....																			
Stark.....	83	85	97	82	102	90	97	100	100	Pike.....										St. Clair.....																			
Stephenson...	86	86	100	74	94	90	100	100	100	Platt.....										Union.....																			
Warren.....	98	98	96	95	104	92	100	100	100	Pleasant.....										Wabash.....																			
Whiteside....	100	97	97	73	99	100	100	100	100	Pike.....										Washington..																			
Will.....	95	102	92	87	105	101	101	101	101	Sangamon....										Wayne.....																			
Winnebago...	89	87	103	85	88	102	95	88	87	Schuyler.....										White.....																			
Woodford....	93	83	94	87	100	100	100	100	100	Shelby.....										Williamson...																			
Average....	98	92	96	85	96	93	100	96	96	Vermilion..										Average.....																			
											88	87	96	95	100	91	91	98																					

*Estimated.

SOUTHERN DIVISION.

COUNTIES.		Av. condition June 1.				COUNTIES.		Av. condition June 1.							
Ac. '88 com- pared 1887.	Av. cond'n May 1, 1888	1888	1887	1886	1885	1884	1883	Ac. '88 com- pared 1887.	Av. cond'n May 1, 1888	1888	1887	1886	1885	1884	1883
Boone.....	100	94	105	99	98	101	108	101	Adams.....	106	80	100	100	102	98
Bureau.....	103	91	116	72	100	90	95	100	Brown.....	105	80	97	100	90	92
Carroll.....	102	98	102	88	102	95	100	90	Calhoun.....	105	80	96	101	92	96
Cook.....	102	97	101	91	101	85	99	101	Cass.....	103	92	100	101	102	104
DeKalb.....	102	105	81	103	94	105	98	92	Champaign.....	99	79	102	91	98	90
DuPage.....	102	102	105	62	100	95	97	92	Christian.....	198	73	108	103	88	100
Grundy.....	102	100	105	75	96	82	107	91	Clark.....	107	89	100	70	95	97
Henderson.....	109	92	93	70	103	85	103	102	Coles.....	108	90	101	85	99	101
Henry.....	100	92	104	84	102	99	104	106	Cumberland.....	106	83	90	105	85	97
Illinois.....	103	91	104	90	101	87	100	101	DeWitt.....	102	80	99	90	103	87
JoDavies.....	102	97	100	93	86	97	101	93	Douglas.....	100	82	92	83	105	100
Kankakee.....	107	94	104	68	103	92	104	100	Edgar.....	122	70	89	91	100	87
Kendall.....	103	79	105	92	104	95	103	104	Ford.....	108	91	107	87	92	94
Knox.....	106	87	99	61	94	97	102	82	Fulton.....	101	87	101	91	93	87
Lake.....	107	93	99	61	102	96	102	90	Greene.....	102	92	102	102	82	103
LaSalle.....	108	94	99	75	91	86	101	81	Hancock.....	103	102	95	98	97	100
Lee.....	99	99	104	91	99	98	106	100	Jersey.....	105	76	105	95	93	10
Livingston.....	100	100	99	86	87	75	101	92	Logan.....	105	92	99	97	101	102
Marshall.....	105	100	101	75	85	97	115	101	Macon.....	109	91	103	95	93	100
McHenry.....	107	100	105	97	107	94	98	103	Macoupin.....	87	74	95	93	63	94
Mercer.....	107	92	106	86	102	97	102	103	Mason.....	95	82	94	87	89	95
Monroe.....	108	98	95	85	96	94	102	104	McDonough.....	103	90	99	96	93	103
Peoria.....	110	83	98	75	104	82	102	99	McLean.....	95	85	91	95	100	102
Putnam.....	104	92	100	77	98	92	100	100	Menard.....	98	88	96	97	86	87
Rock Island.....	102	87	100	88	99	96	100	105	Montgomery.....	107	82	96	103	93	104
Stark.....	100	94	105	89	106	90	103	105	Morgan.....	105	75	103	95	90	100
Stephenson.....	101	93	101	74	95	97	102	93	Moultrie.....	101	84	110	95	103	100
Warren.....	105	101	105	92	105	103	105	105	Piatt.....	93	92	100	98	101	102
Whiteside.....	95	90	98	73	94	97	103	94	Pike.....	103	93	102	98	93	108
Will.....	94	100	104	85	102	79	97	102	Sangamon.....	95	87	103	105	95	104
Winnebago.....	106	95	103	81	87	91	102	96	Schuyler.....	105	92	100	96	92	100
Woodford.....	100	85	101	88	97	92	111	92	Scott.....	116	87	95	102	93	97
									Shelby.....	107	85	102	95	102	101
									Tazewell.....	115	90	103	100	105	136
Average.....	100	91	102	82	96	91	102	98	Vermilion.....	103	85	99	96	94	107
									Average.....						97

*Estimated.

CONDITION WINTER RYE JUNE 1, 1888.

NORTHERN DIVISION.

CENTRAL DIVISION.

SOUTHERN DIVISION.

COUNTIES.	Av. condition June 1.				
	1888	1887	1886	1885	1884
Boone.....	87	101	98	90	100
Bureau.....	86	95	72	75	95
Carroll.....	90	102	83	82	85
Cook.....	93	95	77	104	93
DeKalb.....	92	107	85	108	97
DuPage.....	87	90	85	105	95
Grundy.....	90	85	100	77	102
Henderson.....	82	95	80	105	95
Henry.....	88	88	64	104	89
Iroquois.....	88	95	82	93	82
JoDaviess.....	100	97	92	88	98
Kane.....	95	105	60	107	91
Kankakee.....	85	85	91	90	100
Kendall.....	84	95	72	102	100
Knox.....	91	92	95	103	90
Lake.....	92	105	91	101	90
LaSalle.....	84	66	70	100	77
Lee.....	100	96	78	105	88
Livingston.....	90	80	77	87	59
Marshall.....	100	92	70	90	75
McHenry.....	100	92	105	108	95
Mercer.....	100	98	77	104	98
Ogle.....	103	98	92	101	102
Peoria.....	85	92	80	102	95
Putnam.....	96	99	84	105	97
Rock Island.....	92	96	85	97	89
Stark.....	93	98	80	98	91
Stephenson.....	90	96	79	97	93
Warren.....	94	96	99	102	82
Whiteside.....	90	92	78	103	90
Will.....	99	98	74	109	97
Winnebago.....	79	98	72	88	92
Woodford.....	92	92	95	102	90
Average.....	89	95	80	100	85

COUNTIES.	Av. condition June 1.				
	1888	1887	1886	1885	1884
Adams.....	80	95	100	97	100
Brown.....	80	97	90	100	92
Calhoun.....	80	97	90	100	92
Cass.....	70	110	100	100	100
Champaign.....	81	89	100	100	100
Christian.....	75	72	94	97	90
Clark.....	55	66	92	89	76
Coles.....	75	66	100	97	74
Cumberland.....	70	94	107	100	100
DeWitt.....	80	61	103	48	86
Douglas.....	73	87	100	80	90
Edgar.....	80	90	100	105	100
Ford.....	92	93	84	95	70
Fulton.....	90	96	81	104	75
Greene.....	90	97	105	100	100
Hancock.....	85	96	78	107	92
Jersey.....	100	100	100	100	100
Logan.....	100	87	100	103	100
Macon.....	90	100	100	100	65
Macoupin.....	85	92	100	90	95
Mason.....	85	100	93	97	90
McDonough.....	90	92	86	100	78
McLean.....	90	92	91	97	64
Menard.....	92	100	100	100	93
Montgomery.....	77	76	100	102	83
Morgan.....	90	98	100	100	91
Moultrie.....	82	100	93	100	92
Pike.....	91	92	97	100	96
Sangamon.....	100	100	100	100	83
Schuyler.....	90	95	97	102	97
Scott.....	95	100	100	97	90
Shelby.....	70	60	97	100	68
Tazewell.....	80	90	100	105	97
Vermilion.....	92	95	100	95	75
Average.....	84	91	95	99	85

COUNTIES.	Av. condition June 1.				
	1888	1887	1886	1885	1884
Alexander.....	95	100	100	110	40
Bond.....	80	75	90	100	82
Clay.....	87	52	80	70	57
Clinton.....	60	60	100	100	100
Crawford.....	60	61	95	90	73
Edwards.....	85	85	65	65	87
Effingham.....	70	66	161	80	41
Fayette.....	30	87	88	100	59
Franklin.....	100	80	96	63	85
Gallatin.....	100	92	100	85	50
Hamilton.....	70	100	100	100	100
Hardin.....	100	100	100	100	100
Jackson.....	90	100	110	100	91
Jasper.....	60	70	42	50	50
Jefferson.....	65	70	100	97	40
Johnson.....	100	100	90	100	75
Lawrence.....	100	100	100	100	84
Madison.....	30	72	95	100	100
Marion.....	90	86	82	80	70
Massac.....	75	100	105	110	30
Monroe.....	100	100	100	98	100
Perry.....	90	97	95	75	80
Pope.....	80	90	100	100	90
Pulaski.....	90	98	75	97	100
Randolph.....	100	97	100	94	100
Saline.....	95	82	105	92	75
St. Clair.....	100	100	100	100	60
Union.....	100	100	100	100	70
Wabash.....	76	97	103	100	92
Washington.....	47	10	25	50	30
Wayne.....	82	80	62	100	87
White.....	90	100	87	100	100
Williamson.....	78	81	92	89	70
Average.....	82	86	88	86	82

*Estimated.

CONDITION FLAX, JUNE 1, 1888.

CROP REPORT.

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NORTHERN DIVISION.

COUNTIES.	Av. condition June 1.					Ac. '88 com- pared to '87.
	1888	1887	1886	1885	1884	
Boone.....	100	100	95	.....	.....	.....
Bureau.....	.....	.....	.....	.....	.....	.....
Carroll.....	.....	100	100	100	100	80
Cook.....	.....	100	100	100	100	100
DeKalb.....	85	100	100	100	100	92
DuPage.....	100	100	100	80	90	97
Grundy.....	90	90	70	87	100	85
Henderson.....	100	100	90	.....	.....	.....
Henry.....	100	100	90	.....	.....	.....
Iroquois.....	101	100	101	100	97	103
JoDavies.....	100	100	100	100	93	100
Kane.....	100	70	100	100	.....	.....
Kankakee.....	.....	80	100	100	80	90
Kendall.....	.....	.....	.....	.....	.....	.....
Knox.....	.....	98	90	100	90	53
Lake.....	95	90	100	90	95	94
LaSalle.....	.....	.....	.....	90	.....	.....
Lee.....	.....	.....	.....	.....	.....	.....
Livingston.....	25	60	75	90	75	75
Marshall.....	.....	.....	.....	.....	.....	.....
McHenry.....	.....	100	100	100	100	100
Mercer.....	.....	.....	.....	.....	.....	.....
Ogle.....	.....	.....	100	.....	.....	.....
Peoria.....	.....	.....	.....	.....	.....	.....
Putnam.....	.....	.....	.....	.....	.....	.....
Rock Island.....	.....	.....	.....	.....	.....	.....
Stark.....	.....	.....	.....	.....	.....	.....
Stephenson.....	.....	.....	.....	.....	95	.....
Warren.....	.....	.....	.....	.....	100	100
Whiteside.....	.....	.....	.....	.....	.....	.....
Will.....	77	95	90	100	100	100
Winnebago.....	.....	.....	.....	.....	.....	.....
Woodford.....	.....	.....	.....	.....	.....	.....
Average.....	86	94	90	97	91	88

CENTRAL DIVISION.

COUNTIES.	Av. condition June 1.					Ac. '88 com- pared to '87.
	1888	1887	1886	1885	1884	
Adams.....
Brown.....
Calhoun.....
Cass.....
Champaign.....	90	100
Christian.....	100	.....
Clark.....
Coles.....
Cumberland.....	80	90	100	.....	.....	.....
Dewitt.....	80	.....
Douglas.....
Edgar.....
Ford.....	55	100	100	87	.....	83
Fulton.....	90	.....
Greene.....
Hancock.....
Jersey.....
Logan.....	105	95	.....	.....	.....	.....
Macon.....
Macoupin.....	75	.....	.....	91
Mason.....
McDonough.....
McLean.....
Menard.....
Montgomery.....
Morgan.....
Moultrie.....	95	95	.....	.....	.....
Platt.....	100	75	100	100	100
Pike.....
Sangamon.....
Schuyler.....
Scott.....
Shelby.....
Tazewell.....
Vermilion.....
Average.....	80	95	99	83	96	95

SOUTHERN DIVISION.

COUNTIES.	Av. condition June 1.					Ac. '88 com- pared to '87.
	1888	1887	1886	1885	1884	
Alexander.....
Bond.....
Clay.....	100	90	100	100	91
Clinton.....	102	.....	.....	102
Crawford.....
Edwards.....
Edwards.....
Fayette.....
Franklin.....
Gallatin.....
Hamilton.....	100	.....	.....	.....
Hardin.....
Jackson.....
Jasper.....	75	75	90
Jefferson.....
Johnson.....
Lawrence.....
Madison.....
Marion.....
Massac.....
Monroe.....	100	.....	.....	.....
Perry.....
Pope.....
Putnam.....
Randolph.....
Richland.....
Saline.....
St. Clair.....
Union.....
Wabash.....
Washington.....
Wayne.....
White.....
Williamson.....
Average.....	83	93	87	98	75	86

*Estimated.

CONDITION OF PASTURES, JUNE 1, 1888.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.										COUNTIES.										COUNTIES.									
Av. condition June 1.										Av. condition June 1.										Av. condition June 1.									
Ac. '88 compared 1887.										Ac. '88 compared 1887.										Ac. '88 compared 1887.									
1888	1887	1886	1885	1884	1883	1882					1888	1887	1886	1885	1884	1883	1882					1888	1887	1886	1885	1884	1883	1882	
Boone.....	100	101	71	106	96	102	98	100	98	100	80	102	102	99	96	102	95	100	102	102	100	100	97	100	75	95	110	100	96
Bureau.....	101	95	58	110	97	102	104	98	100	90	88	80	100	97	100	102	102	88	73	98	105	100	100	100	104	100	100	95	110
Carroll.....	97	102	70	109	98	107	90	70	100	102	72	94	100	97	97	92	102	86	79	94	105	100	100	100	98	92	95	89	88
Cook.....	100	95	75	106	84	98	97	84	100	92	91	102	102	94	101	100	100	85	90	110	105	100	100	100	95	95	89	89	94
DeKalb.....	95	107	74	108	97	102	100	93	100	92	91	102	102	94	92	91	100	91	78	96	94	92	91	96	92	92	83	83	101
DuPage.....	92	85	59	105	77	90	95	105	103	98	98	95	104	94	97	89	100	61	65	90	90	90	90	96	92	92	83	83	93
Grundy.....	95	95	64	109	82	102	110	93	100	86	83	91	99	92	92	89	92	95	73	102	91	96	88	98	98	98	98	98	98
Henderson.....	97	93	80	110	90	105	106	80	100	81	71	100	99	97	97	90	98	100	84	102	90	100	100	100	100	100	100	100	100
Henry.....	100	103	50	112	100	97	91	88	100	86	81	105	105	107	100	98	100	80	55	93	100	77	83	96	100	100	100	100	100
Iroquois.....	80	81	77	105	97	95	102	85	100	95	88	100	98	88	105	103	103	97	69	99	96	72	91	90	87	90	87	90	87
JoDavies.....	100	105	81	108	94	108	96	95	100	92	87	96	96	92	102	101	102	100	53	110	100	100	100	100	100	100	100	100	100
Kane.....	98	104	40	105	94	98	96	95	100	91	98	85	98	88	103	97	95	93	67	107	97	90	97	98	95	95	95	95	95
Kankakee.....	101	97	85	103	96	101	94	79	100	91	98	108	108	97	103	115	106	105	83	92	104	65	85	85	85	85	85	85	85
Kendall.....	97	89	50	99	85	91	99	110	98	90	92	107	104	93	90	102	102	100	62	97	98	97	102	99	105	94	94	94	94
Knox.....	99	110	76	106	85	100	97	97	100	101	97	102	103	104	106	106	106	89	79	98	97	102	99	105	94	94	94	94	94
Lake.....	108	100	79	106	85	100	97	97	100	101	97	102	105	103	104	106	106	80	72	102	100	100	100	100	100	100	100	100	100
LaSalle.....	98	95	54	104	87	100	98	88	100	70	77	102	105	103	104	106	106	89	79	98	97	102	99	105	94	94	94	94	94
Lee.....	107	111	57	113	90	106	103	92	100	98	85	98	100	93	92	85	97	105	89	100	100	100	100	100	100	100	100	100	100
Livingston.....	95	90	56	100	80	102	103	100	94	100	91	104	104	93	90	102	102	100	80	100	100	100	100	100	100	100	100	100	100
Marshall.....	96	95	67	100	82	103	100	96	100	100	92	107	104	93	90	102	102	100	80	100	100	100	100	100	100	100	100	100	100
McHenry.....	100	97	95	109	89	96	96	96	100	100	97	103	102	100	100	100	100	105	87	100	100	100	100	100	100	100	100	100	100
Merced.....	100	109	76	112	97	103	102	100	100	100	97	103	102	100	100	100	100	105	87	100	100	100	100	100	100	100	100	100	100
Ogle.....	97	88	82	110	97	100	100	100	100	100	98	100	100	100	100	100	100	105	87	100	100	100	100	100	100	100	100	100	100
Peoria.....	96	96	65	99	66	103	96	80	100	100	88	96	107	95	99	91	100	105	87	100	100	100	100	100	100	100	100	100	100
Putnam.....	100	95	75	112	90	103	103	100	100	100	88	96	107	95	99	91	100	105	87	100	100	100	100	100	100	100	100	100	100
Rock Island.....	102	98	79	100	92	97	94	93	100	100	80	100	100	95	99	91	100	105	87	100	100	100	100	100	100	100	100	100	100
Stark.....	101	102	75	104	87	100	92	82	100	100	80	100	100	95	99	91	100	105	87	100	100	100	100	100	100	100	100	100	100
Stephenson.....	99	102	65	106	68	102	96	82	100	100	80	100	100	95	99	91	100	105	87	100	100	100	100	100	100	100	100	100	100
Warren.....	100	94	86	111	94	100	100	91	100	100	84	98	112	92	100	93	100	105	87	100	100	100	100	100	100	100	100	100	100
Whiteside.....	100	103	53	105	97	100	100	91	100	100	91	98	100	100	100	100	100	105	87	100	100	100	100	100	100	100	100	100	100
Will.....	93	98	65	107	80	93	106	85	100	100	90	92	100	100	100	100	100	105	87	100	100	100	100	100	100	100	100	100	100
Winnebago.....	98	96	65	107	80	93	106	85	100	100	90	92	100	100	100	100	100	105	87	100	100	100	100	100	100	100	100	100	100
Woodford.....	96	99	85	102	92	100	100	90	100	100	80	100	100	92	100	100	100	105	87	100	100	100	100	100	100	100	100	100	100
Average.....	98	98	69	106	89	101	99	90	100	100	85	96	103	95	100	99	99	93	73	98	97	90	96	97	90	96	97	97	97

Estimated.

*Estimated.

FRUIT—Bloom and Condition.

COUNTIES.	APPLES.		PEACHES.		PEARS.		PLUMS.		CHERRIES.	
	Amount of bloom, 1888	Condition June 1, 1888	Amount of bloom, 1888	Condition June 1, 1888	Amount of bloom, 1888	Condition June 1, 1888	Amount of bloom, 1888	Condition June 1, 1888	Amount of bloom, 1888	Condition June 1, 1888
Adams.....	100	100								
Alexander.....	105	100	100	102	100	100	90	100	90	100
Bond.....	103	83	126	119	100	93	104	95	102	77
Boone.....	91	93					100	100	84	80
Brown.....	93	100			95	85	100	90	90	90
Bureau.....	95	77					77	75	62	45
Calhoun.....	102	89	60	93	80	63	100	82	91	82
Carroll.....	100	95					75	70		
Cass.....	100	96			100	87	100	75	91	78
Champaign.....	103	88			100	88	100	90	100	71
Christian.....	103	93	29	20	94	86	105	86	92	81
Clark.....	94	69	102	100	87	93	97	75	80	60
Clay.....	91	84	100	100	75	22	100	95	97	90
Clinton.....	95	95	110	110	100	100	110	110	100	110
Coles.....	106	84	85	67	100	100	105	52	96	66
Cook.....	78	70							60	85
Crawford.....	98	65	104	94	96	87	106	99	93	80
Cumberland.....	101	79	104	100	83	83	100	60	105	95
DeKalb.....	69	77					25	100	67	77
DeWitt.....	111	96			110	100	100	100	130	90
Douglas.....	100	94	83	89	103	100	75	77	96	94
DuPage.....	37	50			60	60	70	75	37	37
Edgar.....	102	104	60	90	100	94	102	100	99	105
Edwards.....	100	75	110	100	100	100	100	75	100	90
Effingham.....	88	72	89	105	89	89	94	96	85	87
Fayette.....	85	67	96	87	107	100	100	95	100	74
Ford.....	102	90			100	90	100	95	100	82
Franklin.....	82	87	100	100	100	95	100	100	87	85
Fulton.....	103	98			75	90	83	65	68	70
Gallatin.....	90	87	63	50	85	85	88	88	91	90
Greene.....	106	97	52	61	104	97	102	100	105	94
Grundy.....	90	90					90	90	95	95
Hamilton.....	94	97	84	81	90	90	100	79	90	75
Hancock.....	101	86			65	90	50	92	90	90
Hardin.....	100	97	110	105	100	100	110	105	105	97
Henderson.....	90	67					100	50	42	32
Henry.....	84	57			15	5	92	82	222	50
Iroquois.....	95	100					75	75	90	96
Jackson.....	77	77	87	85	100	75	75	82	100	100
Jasper.....	97	92	107	103	102	105	75	75	98	65
Jefferson.....	95	82	112	109	83	83	105	88	102	90
Jersey.....	100	90	100	100	100	80	100	80	100	90
Jo Daviess.....	117	87					27	60	5	10
Johnson.....	100	100	97	100	100	100	92	100	100	100
Kane.....	82	84	100	85	100	90	97	93	73	69
Kankakee.....	80	75					100	60	97	85
Kendall.....	81	78			90	90	100	55	59	57
Knox.....	105	86			100	100	107	82	84	61
Lake.....	102	97	100	100	100	100	100	90	98	92
LaSalle.....	84	81					100	82	79	74
Lawrence.....	92	70	100	100	88	73	98	72	97	43
Lee.....	85	79					81	80	65	71

FRUIT—Bloom and Condition—Continued.

COUNTIES.	APPLES.		PEACHES.		PEARS.		PLUMS.		CHERRIES.	
	Amount of bloom, 1888	Condition June 1, 1888	Amount of bloom, 1888	Condition June 1, 1888	Amount of bloom, 1888	Condition June 1, 1888	Amount of bloom, 1888	Condition June 1, 1888	Amount of bloom, 1888	Condition June 1, 1888
Livingston.....	93	72	90	80	90	80	93	68	77	58
Logan.....	102	102			101	96	102	100	102	89
Macon.....	106	100			100	100	100	100	93	91
Macoupin.....	103	94	76	100	104	102	106	97	104	102
Madison.....	74	72	70	90	90	84	87	86	94	89
Marion.....	66	85	99	97	93	88	86	91	87	86
Marshall.....	90	62			60	36	95	45	57	55
Mason.....	100	95					100	90	90	65
Massac.....										
McDonough.....	101	87					100	100	35	17
McHenry.....	107	110			100		100		60	20
McLean.....	100	90			100	95	100	100	96	87
Menard.....	105	103			100	90	83	83	90	85
Mercer.....	90	80					100	63	49	30
Monroe.....										
Montgomery.....	101	82	107	100	99	86	99	67	95	78
Morgan.....	104	100	80	75	97	97	107	100	103	93
Moultrie.....	100	73	67	90	97	100	103	83	97	85
Ogle.....	97	90			100	100	97	95	100	100
Peoria.....	100	84					107	87	45	40
Perry.....	89	84	100	91	77	87	97	92	102	65
Piatt.....	100	100							100	80
Pike.....	100	110			100	90	100	100	100	95
Pope.....	95	95	105	102	100	100	85	92	80	90
Pulaski.....	80	97	110	102	97	92	97	98	98	102
Putnam.....	103	93			50	50	80	75	42	70
Randolph.....	105	97	80	110	100	97	100	83	97	103
Richland.....	107	97	108	102	102	100	102	99	107	90
Rock Island.....	92	83					90	110	87	70
Saline.....	90	100	50	90			80	90	90	90
Sangamon.....	100	91	10	5	92	83	105	105	100	97
Schuyler.....	117	100			108	90	100	95	100	95
Scott.....	100	105			90	95	110	110	100	100
Shelby.....	103	86	106	95	100	91	112	94	105	86
Stark.....	104	94			100	100	100	89	94	84
St. Clair.....	100	80	100	80	100	80	100	80	100	80
Stephenson.....	84	98			75	100	70	94	54	65
Tazewell.....	97	90			100	100	100	100	97	85
Union.....	105	100	105	100	105	100	105	100	100	100
Vernilion.....	98	105			100	100	100	100	100	98
Wabash.....	97	86	100	86	95	82	100	91	100	83
Warren.....	100	97			80	50	99	64	77	49
Washington.....	86	80	110	100	101	95	102	100	92	92
Wayne.....	87	77	92	117	100	80	100	92	100	87
White.....	93	72	100	97	100	90	90	62	83	58
Whiteside.....	100	100			100	100	100	100	10	10
Will.....	78	88			62	72	100	60	75	57
Williamson.....	91	61	100	100	94	82	96	69	89	70
Winnebago.....	90	70			100	80	105	95	30	57
Woodford.....	93	87			95	90	95	76	52	53

FRUIT—Bloom and Condition.

COUNTIES.	GRAPES.		STRAW-BERRIES.		RASPBERRIES.		BLACKBERRIES.		GOOSEBERRIES.		CURRANTS.	
	Amount of bloom, 1888.	Condition June 1, 1888.	Amount of bloom, 1888.	Condition June 1, 1888.	Amount of bloom 1888.	Condition June 1, 1888.	Amount of bloom, 1888.	Condition June 1, 1888.	Amount of bloom, 1888.	Condition June 1, 1888.	Amount of bloom, 1888.	Condition June 1, 1888.
Adams	50	50	75	70			100	100				
Alexander	100	100	60	100	90	100	100	100	100	100	100	100
Bond	100	106	80	72	95	75	91	92	81	75	91	92
Boone	80	80	102	104	77	77	30	30	40	40	70	70
Brown	90	90	95	95	100	100	90	95	105	100	100	100
Bureau	63	70	83	85	77	81	80	79	70	87	85	83
Calhoun	97	80	75	50	87	75	102	100	80	100	100	100
Carroll			110	100	100	100			100	100	100	100
Cass	98	96	81	90	86	86	90	98	106	105	89	89
Champaign	98	90	96	85	96	87	71	75	96	86	91	79
Christian	97	94	76	71	90	86	93	84	100	98	97	91
Clark	94	85	92	87	86	83	89	91	92	92	92	72
Clay	100	100	75	75	92	93	94	92	102	105	100	105
Clinton	100	100	90	90	100	100	80	80	100	100	70	70
Coles	100	100	100	78	100	97	73	80	97	73	73	63
Cook	100	100	100	100							6	80
Crawford	98	92	92	91	96	92	86	87	94	90	85	86
Cumberland	97	95	87	67	90	87	87	87	87	87	71	82
DeKalb	100	103	95	104	60	105	93	105	77	98	62	84
DeWitt	107	100	90	85	93	98	93	97	90	90	95	90
Douglas	94	91	90	93	92	100	75	75	92	92	92	92
DuPage	87	85	93	95	75	80	100	100	55	60	28	25
Edgar	101	97	100	97	101	101	95	94	95	92	86	86
Edwards	75	70	45	65	65	85	50	85	100	100	85	90
Efingham	99	100	98	92	91	91	99	90	96	93	84	85
Fayette	92	80	78	83	83	83	67	75	92	84	94	87
Ford	100	102	100	98	91	80	85	70	67	43	57	67
Franklin	92	85	20	20	95	90	60	52	100	100	100	100
Fulton	97	89	101	88	92	92	99	99	98	93	86	78
Gallatin	100	93	95	97	97	100	52	57	87	85	80	75
Greene	95	91	90	88	92	94	80	97	107	102	103	98
Grundy	95	90	90	90	90	65	95	95	95	90	90	90
Hamilton	89	84	80	80	100	100	84	78	95	89	80	72
Hancock	101	100	91	93	83	93	93	88	96	95	73	82
Hardin	85	87	110	100	75	70	100	100	90	94	25	20
Henderson	62	60	100	62	102	102	87	78	75	62	90	77
Henry	80	72	95	86	83	75	100	100	96	96	89	89
Iroquois	100	100	94	100	80	100	100	100	62	83	100	63
Jackson	100	90	100	80	100	87	100	100	92	92	100	100
Jasper	100	100	90	90	100	100	75	85	98	98	63	62
Jefferson	100	100	89	92	100	100	86	81	103	100	75	75
Jersey	100	90	95	80	87	75	100	99	90	92	70	95
Jo Daviess	100	100	112	105	95	97	95	95	100	100	70	70
Johnson	95	100	93	78	100	100	100	100	97	100	100	100
Kane	84	88	107	110	86	88	94	96	96	99	62	99
Kankakee	85	85	87	86	90	100	100		100	60	87	80
Kendall	90	90	75	97	90	85	100	80	100	94	42	69
Knox	99	77	102	95	102	100	106	100	103	106	98	86
Lake	100	95	107	105	95	90	100	100	100	100	70	80
LaSalle	87	86	102	100	87	80	75	70	100	100	95	94
Lawrence	97	100	90	85	100	100	70	63	98	97	100	100
Lee	95	95	101	87	97	97	77	77	86	94	83	100

FRUIT—Bloom and Condition—Continued.

COUNTIES.	GRAPES.		STRAW-BERRIES.		RASPBERRIES.		BLACKBERRIES.		GOOSEBERRIES.		CURRANTS.	
	Amount of bloom, 1888	Condition June 1, 1888	Amount of bloom, 1888	Condition June 1, 1888	Amount of bloom, 1888	Condition June 1, 1888	Amount of bloom, 1888	Condition June 1, 1888	Amount of bloom, 1888	Condition June 1, 1888	Amount of Bloom, 1888	Condition June 1, 1888
Livingston.....	97	97	88	94	72	67	87	82	68	70	58	57
Logan.....	90	88	101	99	90	88	96	92	103	102	102	101
Macon.....	102	100	78	75	93	93	100	100	100	100	100	100
Macoupin.....	98	100	84	77	80	96	83	81	91	88	81	79
Madison.....	98	90	97	103	102	100	102	100	80	83	75	83
Marion.....	97	87	76	84	86	95	100	100	96	101	90	87
Marshall.....	82	67	67	65	80	62	75	40	97	40	45	30
Mason.....	100	95	100	100	100	80	100	100	100	100	100	100
Massac.....												
McDonough.....	100	58	106	75	85	78	83	70	87	69	62	56
McHenry.....		100	100	102		87		87			100	100
McLean.....	85	82	85	85	78	77	90	89	92	93	83	83
Menard.....	97	98	85	94	67	77	65	75	83	87	57	72
Mercer.....	66	47	112	101	82	75	87	94	96	91	71	66
Monroe.....												
Montgomery.....	100	98	70	75	72	68	65	70	98	97	94	95
Morgan.....	100	100	82	79	87	87	77	90	103	100	100	100
Moultrie.....	83	83	93	93	83	80	45	63	100	100	100	86
Ogle.....	100	100	100	50	100	100	100	100	100	100	35	40
Peoria.....	100	91	93	80	91	94	100	92	105	100	102	89
Perry.....	100	97	100	95	100	100	100	100	102	97	100	100
Piatt.....												
Pike.....	100	100	75	62	100	100	87	87	87	95	87	87
Pope.....	90	95	65	100	105	100	85	87	90	95		
Pulaski.....	103	102	77	75	98	100	100	100	100	100	100	100
Putnam.....	100	100	102	100	98	96	103	95	100	93	91	67
Randolph.....	110	103	55	55	95	93	80	80	83	88	93	98
Richland.....	102	100	90	85	95	95	82	83	102	104	82	84
Rock Island.....	102	95	100	97	90	86	99	100	100	100	89	85
Saline.....												
Sangamon.....	93	57	81	77	87	87	97	97	100	100	97	100
Schuyler.....	108	100	98	77	97	93	97	98	120	103	102	100
Scott.....	90	90	90	82	65	65	60	60	100	100	92	102
Shelby.....	95	85	67	70	104	98	86	69	100	101	88	88
Stark.....	100	96	101	95	96	95	92	90	102	99	98	97
St. Clair.....	100	80	75	75	50	60			100	100	100	100
Stephenson.....	83	92	95	97	85	89	83	90	77	82	68	69
Tazewell.....	102	101	102	100	94	95	94	97	97	97	91	95
Union.....	100	100	60	50	75	70	100		100	100		
Vermilion.....	105	95	100	100	75	75	77	75	78	73	62	48
Wabash.....	87	87	100	97	99	94	84	78	100	100	100	97
Warren.....	96	85	102	96	100	97	97	96	88	83	83	96
Washington.....	100	100	84	82	81	83	97	90	90	88	79	79
Wayne.....	95	95	92	92	102	62	52	68	103	97	100	85
White.....	125	95	87	75	80	75	67	75	97	50	102	70
Whiteside.....	100	100	97	97	100	100	80	80	100	75	100	75
Will.....	75	78	100	97	97	100	62	61	80	80	75	75
Williamson.....	95	95	73	62	67	58	95	97	80	70	100	100
Winnebago.....	80	70	107	100	105	89		53	75	80	52	75
Woodford.....	75	83	98	93	57	64	66	57	63	62	55	56

FIELD CROPS—Acreage and Condition.

COUNTIES.	CORN.			BROOM CORN.	SORG'M	WINTER WHEAT.	SPRING WHEAT.	OATS.	RYE.	BARLEY	FLAX.			
	Acreage compared with 1887.	Condition June 1, 1888	Seed — Quality compared with average.	Acreage compared with 1887.	Condition June 1, 1888	Acreage compared with 1887.	Condition June 1, 1888	Height June 1.	Condition June 1, 1888	Condition June 1, 1888	Acreage compared with 1887.	Condition June 1, 1888	Acreage compared with 1887.	Condition June 1, 1888
Adams.....	100	100	100			65	36		100					
Alexander.....	101	100	102		90	100	100	38	95	100				
Bond.....	105	89	93		87	90	141	23	96	75				
Boone.....	95	77	87	75			105	17	101	105	101	85	97	
Brown.....	105	88	100		85	95	79	18	97	97				
Bureau.....	92	82	75		80	100	68	13	97	106	95	110	100	
Calhoun.....	93	92	97				59	20	96	80				
Carroll.....	103	62	64		100	100	95	12	97	102	102	100	97	
Cass.....	100	91	102		120	90	87	31	100	110				
Champaign.....	108	97	100	100	100	100	69	17	102	89				
Christian.....	112	96	102	100	90	102	89	50	19	100	108	72		
Clark.....	103	98	98	92	100	91	91	50	23	89	66			
Clay.....	104	97	93		104	97	33	25	94	52				
Clinton.....	110	100	110	80	110	100	100	15	36	100	60	100	90	
Coles.....	109	100	102	86	94	92	90	32	22	101	88			
Cook.....	102	90	92						80	100	95			
Crawford.....	98	90	92	75	100	79	88	47	31	86	61		100	100
Cumberland.....	98	94	102	105	85	91	96	42	22	90	94		80	90
DeKalb.....	105	95	101	90	100	93	19	105	105	107	93	102	85	100
DeWitt.....	97	86	103		75	75	80	18	97	99	61	95	100	
Douglas.....	102	85	115	83	92	100	80	36	18	92	87			
DuPage.....	103	98	93				90		98	105	82	100	100	100
Edgar.....	108	93	100	87	80	100	82	49	17	89	89	90		
Edwards.....	80	85	100		110	100	25	18	75	85				
Effingham.....	102	100	97		75	91	56	23	89	66				
Fayette.....	107	100	100	100	105	100	22	21	100	87				
Ford.....	98	90	94				55	17	95	107	93		55	100
Franklin.....	105	85	92		95	90	50	21	95	101	96			
Fulton.....	100	78	93		100	100	74	21	95	101	96			
Gallatin.....	101	102	100		95	97	83	32	92	80				
Greene.....	108	100	103	95	100	87	97	74	33	92	97			
Grundy.....	100	80	97		100	90	95	36	90	105	90		90	90
Hamilton.....	97	86	94		94	83	61	15	85	92				
Hancock.....	99	81	101		100	100	87	24	102	96				
Hardin.....	100	98	102		90	95	80	23	80	93	95			
Henderson.....	97	85	105		85	90	71	23	80	93	95			
Henry.....	97	71	86	91	93	100	95	72	13	102	104	88	97	100
Iroquois.....	102	90	96	100	90	100	97	57	10	100	104	95	50	100
Jackson.....	95	90	95		70	112	92	70	30	100	100			
Jasper.....	108	100	100	87	90	103	100	57	18	98	70			
Jefferson.....	100	96	100	100	80	80	70	42	30	79	70			
Jersey.....	105	95	100		100	80	50	19	105	100				
JoDavies.....	106	85	95		100	24	100	100	97	100	100			
Johnson.....	118	87	100	99	97	103	95	68	29	97	100			
Kane.....	96	88	94	95	90		95	30	102	104	105	92	103	100
Kankakee.....	98	93	95				77	14	100	105	85			
Kendall.....	98	74	73				67	24	97	97	95			
Knox.....	102	77	91	97	85	107	92	86	24	92	99	92		
Lake.....	90	82	100		100	90	93	14	103	102	105	107	103	95
LaSalle.....	98	61	80		100	100	71	24	100	99	96			
Lawrence.....	101	92	99		82	95	67	30	75	100				

FIELD CROPS—Acreage and Condition—Continued.

COUNTIES.	CORN.		BROOM CORN.		SORG'M		WINT'R WHEAT.		SPRING WHEAT		OATS.	RYE.	BARLEY	FLAX.
	Acreage compared with 1887.	Condition June 1, 1888	Seed — Quality compared with average.	Acreage compared with 1887.	Condition June 1, 1888	Acreage compared with 1887.	Condition June 1, 1888	Height June 1.	Condition June 1, 1888	Condition June 1, 1888	Condition June 1, 1888	Condition June 1, 1888	Acreage compared with 1887.	Condition June 1, 1888
Lee.....	98	77	99	..	77	85	75	53	90	24	103	104	96	..
Livingston.....	91	79	99	..	95	85	75	53	13	80	99	99	80	25
Logan.....	97	85	96	..	100	100	100	81	22	100	99	87	105	95
Macon.....	103	92	102	..	..	..	..	70	21	100	103	100	..	..
Macoupin.....	106	99	110	..	100	102	56	22	22	..	95	92	..	..
Madison.....	107	95	106	..	90	95	55	23	85	100	72	125	100	..
Marion.....	100	94	100	..	99	95	42	22	..	87	86	..	100	100
Marshall.....	97	80	75	..	90	95	75	11	95	101	92	100	102	..
Mason.....	100	82	100	..	..	..	75	15	..	90	100	..	..	..
Massac.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
McDonough.....	97	85	95	..	117	95	74	18	100	99	91	100	..	..
McHenry.....	107	95	100	..	75	..	85	18	100	105	92	80	100	..
McLean.....	92	82	97	..	75	70	83	22	90	95	92	..	..	..
Menard.....	96	81	100	..	90	97	75	25	..	91	90	..	..	..
Mercer.....	104	72	92	..	100	80	92	24	92	106	98	..	..	..
Monroe.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Montgomery.....	115	92	101	100	100	96	91	31	16	..	96	76	..	..
Morgan.....	104	94	103	100	80	87	90	82	31	..	96	98	..	..
Moultrie.....	104	94	102	100	94	..	..	36	17	103	100	..	..	..
Ogle.....	103	82	87	100	95	100	..	90	15	93	95	98	75	80
Peoria.....	95	69	68	..	..	..	..	92	24	91	98	92	..	..
Perry.....	110	95	97	100	100	100	83	87	34	..	97	97	..	..
Piatt.....	100	80	100	..	..	..	..	..	..	110	50	..	..	..
Pike.....	93	88	100	..	100	100	69	27	..	100	92	..	..	..
Pope.....	102	85	92	..	..	90	85	45	30	100	..	..	..	..
Pulaski.....	99	98	100	..	95	98	103	46	..	95	..	..	..	..
Putnam.....	98	71	93	..	100	40	79	22	100	101	99	..	..	..
Randolph.....	92	102	109	150	100	103	95	68	27	..	92	97	110	110
Richland.....	101	89	101	92	90	100	95	55	11	61	82	..	50	80
Rock Island.....	102	84	96	..	90	100	85	12	95	100	96	100	95	..
Saline.....	115	80	90	..	120	80	60	..	..	95	..	..	..	..
Sangamon.....	104	85	104	..	..	..	81	23	..	102	100	..	..	..
Schuyler.....	103	90	93	75	80	92	93	87	30	102	95	..	..	..
Scott.....	103	100	103	..	..	..	78	30	..	100	100	..	..	..
Shelby.....	109	89	98	105	94	100	93	54	20	95	60	..	..	..
Stark.....	102	84	92	100	95	100	97	79	19	97	105	97	100	85
St. Clair.....	120	110	90	..	..	..	10	30	..	110	100	..	..	..
Stephenson.....	103	90	92	..	87	100	92	17	100	101	96	92	100	..
Tazewell.....	100	90	87	..	..	..	79	22	..	102	90	..	..	..
Union.....	100	90	100	..	105	100	70	..	..	100	..	..	..	..
Vermilion.....	118	98	103	..	..	..	63	30	..	103	95	..	..	..
Wabash.....	106	80	91	..	100	85	76	32	..	57	..	..	..	..
Warren.....	102	90	95	95	97	100	96	33	96	105	96	..	..	..
Washington.....	118	87	97	100	100	105	94	39	26	89	97	110	100	..
Wayne.....	107	83	103	100	100	105	90	12	..	80	10	..	..	..
White.....	102	68	100	100	75	100	87	58	36	75	80	..	..	..
Whiteside.....	102	82	100	..	..	90	50	12	97	98	92	100	100	..
Will.....	90	92	103	80	90	75	80	65	..	92	104	98	80	90
Williamson.....	111	97	96	..	90	87	79	36	..	97	100	..	..	..
Winnebago.....	99	82	95	100	70	90	75	82	14	103	103	98	65	83
Woodford.....	102	76	90	93	60	95	70	87	22	94	104	92	100	100

FIELD CROPS—Acreage and Condition.

COUNTIES.	COTTON	TOBAC- CO.	MEAD- OWS.	CLOVER	PAS- TURES.	IRISH POTA- TOES.	SWEET POTA- TOES.	CORN.							
	Acreage compared with 1887.	Condition June 1, 1888	Acreage compared with 1887.	Condition June 1, 1888	Acreage compared with 1887.	Condition June 1, 1888	Acreage compared with 1887.	Condition June 1, 1888	First appearance above ground.						
Adams.....			80	75	20	90	100	80	110	100	100	60	May 5.		
Alexander.....		90	90	100	70	110	100	102	100	105	110	100	90	May 1.	
Bond.....		50	50		70	66	98	95	88	73	100	100	102	100	April 15.
Boone.....			95	94	100	90	100	101	105	91					May 18.
Brown.....		100	100	82	87	87	73	90	88	100	103	85	95	April 30.	
Bureau.....			98	87	77	67	101	95	97	94					May 12.
Calhoun.....			105	76	103	74	102	72	106	98			75	May 1.	
Carroll.....			98	105	77	100	97	102	100	100					May 20.
Cass.....			91	79	75	75	94	84	105	100	127	87			May 10.
Champaign.....			92	91	70	77	92	91	100	98	105	95			May 5.
Christian.....			100	92	48	41	98	94	99	97	99	91			May 1.
Clark.....		88	93	79	77	63	48	86	83	104	97	102	93		May 5.
Clay.....			71	62	82	74	96	79	102	82	102	100			May 1.
Clinton.....			75	70	10	10	85	96	95	100	100	95			May 10.
Coles.....		100	90	82	70	59	82	91	71	100	100	100	89		May 8.
Cook.....			95	95	95	95	95	100	95	103	100				May 15.
Crawford.....		65	97	82	76	67	56	91	78	98	93	97	78		April 30.
Cumberland.....		100	100	96	85	57	74	86	81	99	100	97	85		May 1.
DeKalb.....			87	101	81	95	95	107	104	101					May 15.
DeWitt.....			90	87	83	90	95	95	106	97	100	92			May 10.
Douglas.....			81	72	60	70	86	77	107	100	97	100			May 10.
DuPage.....			80	82	77	77	92	87	103	102					May 1.
Edgar.....			89	92	94	84	97	87	100	91	83	100			May 8.
Edwards.....			45	40	40	55	60	65	100	100	100	100	100		April 10.
Effingham.....		100	87	81	74	91	71	95	73	91	85	92	92		May 5.
Fayette.....		100	100	81	80	57	74	109	84	102	104	97	100		April 30.
Ford.....			89	87	70	66	92	91	102	100	100	100	100		May 10.
Franklin.....		80	90	77	55	77	55	80	55	102	87	103	90		May 1.
Fulton.....			86	81	51	72	91	98	98	90	97	92			May 7.
Gallatin.....		100	100	97	93	90	78	97	73	103	102	98	93		May 1.
Greene.....			100	89	66	82	90	92	105	98	95	85			April 27.
Grundy.....			92	92	95	90	95	95	100	90	100	95			May 5.
Hamilton.....		103	83	89	87	75	60	97	69	107	81	100	72		May 10.
Hancock.....			91	89	83	72	101	97	101	99	102	93			May 1.
Hardin.....		90	100	80	67	80	70	100	67	100	112	100	115		May 1.
Henderson.....			87	80	72	82	97	98	98	93	100	100	100		May 1.
Henry.....			96	92	71	84	100	103	124	100	102	100	100		May 1.
Iroquois.....			89	86	72	73	80	81	97	95	100	100	100		May 1.
Jackson.....		125	50	70	35	82	57	100	53	112	92	100	90		May 1.
Jasper.....		100	100	92	92	62	75	93	97	87	97	103	95		May 10.
Jefferson.....			108	64	108	87	105	67	105	90	100	82			April 25.
Jersey.....			67	75	5	10	70	77	100	100	100	90			April 20.
JoDavies.....		110		97	90	87	100	100	105	100	97				May 20.
Johnson.....		145	100	100	77	89	73	100	83	100	103	103	100		April 15.
Kane.....			88	96	46	47	98	104	101	94					May 10.
Kankakee.....			102	96	80	90	101	97	102	93					May 15.
Kendall.....			94	67	63	63	98	89	104	100					May 1.
Knox.....			92	112	61	66	99	110	104	103	90	85			May 15.
Lake.....			105	107	80	80	108	100	102	92					May 10.
LaSalle.....			94	90	72	68	98	95	101	90					May 7.
Lawrence.....			82	48	90	62	100	62	102	100	98	95			April 25.

FIELD CROPS—Acreage and Condition—Continued.

COUNTIES.	COTTON	TOBAC- CO.	MEAD- OWS.	CLOVER	PAS- TURES.	IRISH POTA- TOES.	SWEET POTA- TOES.	CORN.					
	Acreage compared with 1887.	Condition June 1, 1888	Acreage compared with 1887.	Condition June 1, 1888	Acreage compared with 1887.	Condition June 1, 1888	Acreage compared with 1887.	Condition June 1, 1888	First appearance above ground.				
Lee.....			106	106	69	74	107	111	101	100	98	100	May 10.
Livingston.....			97	95	75	83	95	90	110	92	100	87	May 20.
Logan.....			95	89	74	82	98	90	102	99	100	92	May 8.
Macon.....			76	81	44	47	91	85	96	100	100	97	May 1.
Macoupin.....			93	77	76	73	100	78	97	97	107	97	May 1.
Madison.....	100	100	68	76	57	82	80	79	103	93	100	87	April 25.
Marion.....			71	52	83	88	80	72	97	100	77	87	April 20.
Marshall.....			95	95	62	65	96	95	104	95	....	....	May 1.
Mason.....			100	90	75	75	100	75	100	100	....	....	May 10.
Massac.....													
McDonough.....			89	84	81	97	100	97	94	97	100	100	May 1.
McHenry.....			87	90	45	87	100	97	110	105	....	....	May 20.
McLean.....			90	97	72	74	97	95	105	97	97	92	April 20.
Menard.....			85	66	60	55	99	69	93	93	87	87	April 25.
Mercer.....			97	100	90	93	100	109	105	101	....	....	May 1.
Monroe.....													
Montgomery.....			97	87	82	83	102	91	106	97	100	95	May 1.
Morgan.....			87	83	52	60	88	82	102	98	100	90	April 15.
Moultrie.....			96	87	40	56	87	82	100	92	97	94	April 26.
Ogle.....			98	88	77	80	97	88	108	85	100	100	May 14
Peoria.....			90	79	44	57	96	88	106	99	92	85	May 15.
Perry.....	100	80	69	62	66	66	102	81	105	85	102	96	April 20.
Platt.....			90	80	....	....	100	80	90	90	....	....	May 18.
Pike.....			87	90	70	67	82	82	100	100	100	100	May 1.
Pope.....			82	60	87	45	92	60	100	90	90	80	April 25.
Pulaski.....	95	97	93	85	70	90	90	92	105	107	83	100	May 20.
Putnam.....			97	94	68	60	100	95	95	97	87	75	May 15.
Randolph.....	125	110	75	67	93	67	120	85	112	88	102	97	April 20.
Richland.....			71	38	94	101	103	66	102	93	95	91	May 1.
Rock Island.....			99	96	88	84	102	98	106	100	100	100	May 10.
Saline.....	115	90	95	70	60	50	80	75	....	....	....	....	April 5.
Sangamon.....			82	70	60	42	91	84	90	97	105	105	April 25.
Schuyler.....			87	93	53	92	100	97	108	105	100	90	May 10.
Scott.....			97	90	87	85	90	92	100	103	90	90	May 8.
Shelby.....	86	93	85	77	44	50	99	88	96	94	95	87	April 15.
Stark.....			100	99	87	92	101	192	108	98	99	94	May 5.
St. Clair.....			50	50	90	90	100	50	110	100	....	....	May 1.
Stephenson.....	70	100	89	102	79	98	99	102	104	87	....	....	May 20.
Tazewell.....			97	90	60	82	95	82	102	99	100	100	April 25.
Union.....			105	75	100	35	160	70	100	100	105	100	May 2.
Vermilion.....			87	85	75	47	80	77	80	93	100	93	May 10.
Wabash.....			94	65	89	69	99	64	99	95	87	87	April 15.
Warren.....	95	100	96	89	89	91	100	94	166	106	100	105	May 12.
Washington.....	100	90	85	47	69	85	99	71	108	92	101	83	April 20.
Wayne.....	100	90	75	53	83	68	103	80	103	87	102	88	May 1.
White.....	100	50	92	43	75	50	97	55	100	77	100	87	May 1.
Whiteside.....			92	88	75	103	100	103	100	103	100	100	May 10.
Will.....		75	85	80	75	97	93	98	104	97	100	100	May 15.
Williamson.....	100	100	81	69	69	65	84	74	102	95	100	101	April 1.
Winnebago.....		115	90	96	95	85	85	98	96	107	90	....	May 15.
Woodford.....			88	88	65	79	96	99	100	98	100	88	May 10.

YOUNG LIVE STOCK.

Number and Condition Compared with an Average.

COUNTIES.	PIGS.		LAMBS.		CALVES.		COLTS.				
	Number.	Condition.	Number.	Condition.	Number.	Condition.	Number.	Condition.	Value at weaning time.	Lost prior to weaning.	Average cost of service.
Adams	110	100	.....	.....	100	100	110	100	30	.....	8
Alexander	100	100	101	101	100	102	102	102	30	1	7
Bond	57	76	89	98	92	90	90	90	33	11	9
Boone	80	90	87	90	76	95	97	101	44	13	11
Brown	90	97	87	93	113	97	107	97	42	7	12
Bureau	85	95	87	99	86	94	74	98	40	5	15
Calhoun	83	92	80	95	87	90	89	97	32	5	9
Carroll	71	100	65	100	97	102	102	100	35	6	13
Cass	97	103	87	100	100	100	100	100	40	7	13
Champaign	88	88	100	99	95	100	95	102	50	7	13
Christian	86	90	99	97	97	99	100	98	44	11	15
Clark	79	83	92	92	101	88	102	95	36	7	11
Clay	57	70	59	96	94	97	100	97	38	9	9
Clinton	70	90	100	90	100	95	70	100	40	5	10
Coles	72	97	83	100	92	99	90	97	40	8	11
Cook	85	98	.....	.....	100	100	97	97	40	10	11
Crawford	64	75	74	91	84	90	94	89	41	8	11
Cumberland	70	82	96	100	94	90	94	95	39	5	13
DeKalb	95	99	78	102	101	99	99	96	34	12	13
DeWitt	93	100	87	98	90	92	80	99	53	10	14
Douglas	91	96	95	97	94	97	95	86	44	16	12
DuPage	78	93	70	95	93	97	100	100	45	3	14
Edgar	79	89	91	90	81	100	96	99	40	7	13
Edwards	60	45	65	100	85	90	100	100	35	6	12
Effingham	55	73	87	92	94	95	99	103	35	6	8
Fayette	78	88	95	100	88	97	100	100	35	5	8
Ford	90	96	100	103	96	100	94	98	47	20	13
Franklin	52	60	72	77	92	87	92	92	38	.....	9
Fulton	84	97	95	95	97	98	91	98	42	8	12
Gallatin	90	90	65	70	100	95	102	97	29	5	10
Greene	77	96	88	100	96	96	105	102	42	4	14
Grundy	97	95	90	90	97	95	97	97	35	7	12
Hamilton	69	80	94	100	97	94	98	81	36	5	8
Hancock	86	100	97	100	88	100	97	100	46	6	13
Hardin	90	100	85	100	105	100	110	100	45	15	8
Henderson	72	88	92	93	90	92	85	95	41	5	11
Henry	77	98	102	100	93	98	87	100	42	15	10
Iroquois	93	98	93	93	89	100	92	95	42	10	13
Jackson	77	85	87	92	102	90	90	92	27	.....	6
Jasper	78	75	82	83	85	92	103	102	42	12	9
Jefferson	87	95	105	100	100	97	105	100	50	5	8
Jersey	87	80	100	100	95	100	100	100	37	5	12
Jo Daviess	75	100	.....	.....	100	100	75	100	35	.....	15
Johnson	98	90	100	100	98	95	100	100	40	2	9
Kane	86	98	95	97	96	96	91	91	39	8	13
Kankakee	97	97	.....	.....	98	99	97	100	43	3	11
Kendall	84	97	75	100	100	100	92	100	35	5	13
Knox	92	100	91	95	92	96	88	99	36	5	13
Lake	82	100	70	100	92	100	102	100	47	4	13
LaSalle	88	100	86	100	88	99	82	100	52	6	17
Lawrence	97	85	100	100	97	98	95	92	37	7	11

YOUNG LIVE STOCK.—Continued.

Number and Condition Compared with an Average.

COUNTIES.	PIGS.		LAMBS.		CALVES		COLTS.				
	Number.	Condition.	Number.	Condition.	Number.	Condition.	Number.	Condition.	Value at weaning time.	Lost prior to weaning.	Average cost of service.
Lee.....	95	100	100	100	97	102	91	97	35	7	12
Livingston.....	74	95	90	95	90	98	94	97	43	10	12
Logan.....	92	99	90	95	91	91	100	100	47	4	17
Macon.....	78	100	100	102	100	100	94	96	45	5	14
Macoupin.....	85	90	89	97	94	95	105	100	37	5	9
Madison.....	75	86	94	95	94	95	95	97	45	4	11
Marion.....	65	85	100	97	82	100	82	80	40	4	9
Marshall.....	70	80	85	90	82	90	77	92	52	20	12
Mason.....	90	90	.....	.....	95	95	77	92	50	3	11
Massac.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
McDonough.....	117	92	100	87	100	100	98	100	43	5	14
McHenry.....	92	100	70	102	100	100	105	102	40	5	9
McLean.....	96	93	95	98	89	94	78	85	59	7	15
Menard.....	77	98	95	93	91	100	101	100	53	7	14
Mercer.....	85	91	91	100	91	98	50	100	45	7	12
Monroe.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montgomery.....	79	97	103	98	99	100	91	101	41	10	12
Morgan.....	96	97	90	100	100	97	105	100	50	6	15
Moultrie.....	82	102	92	100	102	97	88	97	42	9	12
Ogle.....	67	70	100	100	100	100	77	87	40	7	12
Peoria.....	96	90	91	96	86	95	89	98	41	18	13
Perry.....	85	90	95	97	97	100	100	100	36	1	10
Piatt.....	80	100	75	100	100	100	100	100	50	.....	20
Pike.....	90	90	87	100	105	95	112	100	40	3	13
Pope.....	80	75	60	90	100	90	100	85	40	1	6
Pulaski.....	93	84	96	98	98	98	105	102	27	5	9
Putnam.....	90	86	103	100	95	97	80	99	47	12	14
Randolph.....	78	100	97	100	102	100	92	100	34	4	10
Richland.....	63	86	88	94	92	93	102	99	41	6	9
Rock Island.....	84	89	100	105	76	85	82	87	37	5	12
Saline.....	80	75	95	95	95	95	100	100	40	2	8
Sangamon.....	75	87	90	90	87	87	87	100	45	7	13
Schuyler.....	95	92	88	100	92	100	93	100	55	15	12
Scott.....	100	95	100	100	65	95	110	95	.....	.....	.....
Shelby.....	77	89	96	100	93	98	99	93	40	4	12
Stark.....	95	92	99	95	94	95	97	90	41	10	12
St. Clair.....	50	50	100	100	100	100	100	100	25	.....	15
Stephenson.....	73	98	89	100	84	96	94	96	41	10	11
Tazewell.....	90	99	102	100	100	99	100	99	50	9	15
Union.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermilion.....	105	102	97	102	90	93	107	97	50	5	13
Wabash.....	84	87	87	97	95	97	100	100	45	6	10
Warren.....	107	100	90	97	98	98	80	98	40	12	14
Washington.....	84	90	97	97	105	97	102	97	40	8	9
Wayne.....	62	67	97	100	92	97	103	100	37	4	7
White.....	92	77	93	97	85	82	97	97	45	10	9
Whiteside.....	80	100	100	100	100	92	107	100	45	13	16
Will.....	73	98	98	100	97	100	100	101	42	16	13
Williamson.....	59	67	100	100	96	100	94	100	40	2	8
Winnebago.....	88	79	65	85	100	97	90	97	40	17	13
Woodford.....	79	94	85	97	99	97	78	96	56	13	14

CONDITION OF IRISH POTATOES JUNE 1, 1888.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.										COUNTIES.										COUNTIES.									
Ac. '88 com- pared 1887.	Av. condition June 1.					Ac. '88 com- pared 1887.	Av. condition June 1.					Ac. '88 com- pared 1887.	Av. condition June 1.					Ac. '88 com- pared 1887.	Av. condition June 1.					Ac. '88 com- pared 1887.	Av. condition June 1.				
	1888	1887	1886	1885	1884		1888	1887	1886	1885	1884		1888	1887	1886	1885	1884		1888	1887	1886	1885	1884		1888	1887	1886	1885	1884
Boone.....	105	91	103	98	90	95	90	98	90	96	90	96	100	100	100	100	100	105	110	105	90	100	100	105	110	105	90	100	100
Bureau.....	99	94	87	101	97	90	98	100	98	100	98	100	103	90	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Carroll.....	100	100	100	99	75	97	90	90	90	90	90	90	100	94	95	95	100	104	84	100	100	100	100	100	100	100	100	100	100
Cook.....	103	100	102	102	97	100	90	90	90	90	90	90	100	101	102	97	100	100	84	100	100	100	100	100	100	100	100	100	100
DeKalb.....	104	101	85	98	97	88	90	88	90	90	90	90	100	98	100	100	94	99	94	100	100	100	100	100	100	100	100	100	100
DuPage.....	103	102	90	98	87	85	97	85	97	85	81	97	103	97	100	94	99	94	92	100	100	100	100	100	100	100	100	100	100
Grundey.....	100	90	94	82	92	102	92	79	100	100	100	100	100	102	104	95	85	81	97	103	103	103	103	103	103	103	103	103	103
Henderson.....	98	93	90	104	100	100	100	100	100	100	100	100	100	102	104	95	85	81	97	103	103	103	103	103	103	103	103	103	103
Henry.....	124	100	100	102	92	102	96	93	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Iroquois.....	97	95	106	105	92	101	89	94	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
JoDiavies.....	100	97	88	99	92	94	100	96	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Kane.....	101	94	83	102	95	99	93	96	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Kankakee.....	102	93	94	96	100	100	100	85	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Kendall.....	104	103	94	101	99	100	88	96	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Knox.....	102	92	101	102	83	92	90	97	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Lake.....	101	90	101	101	80	84	71	93	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
LaSalle.....	101	90	102	100	98	99	96	100	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Lee.....	110	92	102	102	91	99	97	97	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Livingston.....	104	95	102	90	95	107	90	95	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Marshall.....	110	105	105	98	83	102	100	95	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
McHenry.....	105	101	100	93	93	105	100	93	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Mercer.....	108	85	102	96	97	75	79	92	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Ogle.....	106	90	102	104	95	97	79	92	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Peoria.....	95	97	84	89	102	94	96	104	95	97	96	104	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Putnam.....	106	100	101	98	99	101	96	104	95	97	96	104	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Rock Island.....	109	98	102	102	92	94	90	87	96	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Starck.....	104	97	95	100	98	94	97	96	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Stephenson.....	107	106	99	107	102	107	87	87	96	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Warren.....	100	103	91	94	83	85	88	97	96	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Whiteside.....	104	97	101	78	87	85	88	97	96	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Will.....	107	90	86	95	91	82	95	98	96	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Winnebago.....	100	98	103	102	92	112	103	103	103	103	103	103	103	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Woodford.....	104	91	97	99	93	96	93	92	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103
Average.....	104	91	97	99	93	96	93	92	100	100	100	100	100	98	95	97	87	87	90	103	103	103	103	103	103	103	103	103	103

*Estimated

MONTHLY WEATHER REVIEW

—OF THE—

ILLINOIS STATE WEATHER SERVICE,

—FOR—

MAY, 1888.

—CONTAINING—

SUMMARY OF METEOROLOGICAL OBSERVATIONS

—MADE TO THE—

Illinois State Board of Agriculture.

CHARLES F. MILLS,

Secretary State Board of Agriculture

JAS. CASSIDY,

Observer, Signal Corps.

SPRINGFIELD:
STATE JOURNAL PRINT.
1888.

MONTHLY WEATHER REVIEW

OF THE

ILLINOIS STATE WEATHER SERVICE

SPRINGFIELD, MAY, 1888.

(The State covers such an extended area from north to south (385 miles) that it has been found advisable to divide the same and follow the judicial divisions, which include the following territory, viz: the Northern Division extends from 42° 30' to about 40° 31'; the Central Division extends from about 40° 31' to about 39°; the Southern Division from about 39° to 36° 51'.)

INTRODUCTORY.

SPRINGFIELD, June 1, 1888.

The weather during May was somewhat unusual, there being less range in the barometer and temperature and a greater rainfall than has occurred in several years.

On the 1st the barometer was above the average, but falling before an approaching "Low," which was then central at Salt Lake. This "Low" passed over the State on the 3d, producing very low barometer and bringing heavy rains and thunderstorms.

Another "Low" passed over the State on the 8th, accompanied by severe thunderstorms and very heavy rains. From the 8th to the 12th the barometer remained considerably below the average, but went up on the latter date and remain-

ed above the average until the 17th, when it went down rapidly before the "Low" and storm center approaching from the S.W. This "Low" was in Utah on the 16th and moved in a southeasterly direction until it reached Kansas, thence it moved to the N.E., and passed over this State on the 18th, producing thunderstorms and heavy rains. Immediately after this came the highest barometer of the month, on the 19th and 20th, but from then until the end of the month it was below the average, being at its lowest point on the 27th and 28th.

The temperature was below the average for all parts of the State. There were occasional frosts, and one quite severe on the 14th, but no serious damage was done.

The rainfall was the heaviest we have had for several years in the Northern and Central Divisions, but was much less in the Southern Division than either of the other two. Very heavy rains occurred in many parts of the State and thunderstorms were very numerous.

The deficiency of the present year continued until the 26th, when it was converted into a surplus in the Northern and Central Divisions of the State, and in some counties of the Southern Division; but in most of the Southern counties the deficiency still continues and considerable more rain is needed.

The following figures will show, in some measure, the unequal distribution of the rainfall during the month. In Chicago the total rainfall was 6.22 inches, which was 2.72 inches above the average for sixteen years, and this amount has only twice been exceeded in that period. At Springfield the total was 8.61 inches, which was 3.88 inches above the average of the past nine years, and has only once been exceeded in amount during that time—in 1882, when it was 10.59 inches. At Peoria it was 2.92 inches above the average of thirty-two years, the total amount for the month being 6.73 inches. At Pekin it was 3.82 inches above the average of six years, the total being 8.71 inches. At Cairo, however, it was different, the rainfall there being only 3.58 inches, which is 0.37 of an inch below the average of the sixteen previous years. The same condition of things prevailed at St. Louis, where but 3.31 inches fell, which was 0.24 of an inch below the average of sixteen years.

Several small tornadoes occurred during the month, but fortunately did little damage. One passed East of Freeport on the evening of the 10th, which tore down fences and unroofed some buildings, while the observer at Dwight reports that a large waterspout or funnel-shaped cloud passed eleven miles Southwest of that station on the 11th, but did no damage.

Snow fell at Paris, Edgar county, on the morning of the 14th, also at Lake Forest and Lacon, some slight damage was done by hail on the 27th.

The rainfall was principally in the form of thunder-showers and quite heavy ones occurred in several localities. The following are some of the heaviest rains that have been reported: Pana, 3.50 inches, on the 17th; Gibson City, 3.50 inches, on the 24th; and on the 27th, 3.50 inches at Pekin; 2.77 inches at Mahomet; 2.70 inches at Hoopeston; 2.54 inches at Springfield; 2.50 inches at Winchester, and

2.10 inches at Griggsville, while nearly every other station in the Northern and Central Divisions had rains ranging from one to two inches. In the Southern Division, though there were occasional rains exceeding an inch on one day, they were not nearly so general as in the other Divisions.

ATMOSPHERIC PRESSURE.

(Inches and thousandths.)

The mean pressure for the month as deduced from the reports of fifteen stations where the barometer readings were reduced to sea-level was 29.912, which was slightly below the average of past years. The highest was 30.483 and the lowest 29.420.

TEMPERATURE.

(Degrees, Fahrenheit.)

The average temperature for May, 59°.2, was 4°.5 below the average of the past ten years. The mean of the Northern Division, 55°.4, was 4°.5 below; the mean of the Central, 59°.4, was 5°.4 below, and that of the Southern, 62°.8, was 3°.9 below the average of the last ten years.

The following are the most marked departures from the normal temperature for April:

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	Deg.	County.	Place.	Deg.
No station in State reached the normal during the month.			Christian.....	Pana.....	8.3
			Knox.....	Oneida.....	8.1
			Rock Island.....	Davenport.....	6.5
			Kane.....	Aurora.....	6.1
			Stephenson.....	Cedarville.....	6.1
			McHenry.....	Riley.....	5.9
			Hancock.....	Keokuk.....	5.5
			Sangamon.....	Springfield.....	5.3
			DeKalb.....	Sycamore.....	5.0
			Clinton.....	Irishtown.....	5.0
			•		

MAXIMUM AND MINIMUM TEMPERATURE.

Table of maximum, minimum and mean temperatures for May.

TEMPERATURE.	1873	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Average.
Maximum.....	89	96	97	94	90	91	90	94	98	98	92	93.5
Minimum.....	35	28	32	30	29	29	30	28	32	35	26	30.4
Mean.....	60.8	64.6	68.0	69.2	58.0	58.0	61.6	60.7	64.8	67.7	59.2	63.0

PRECIPITATION.

(Inches and hundredths.)

The following table shows the average precipitation for the State and its principal divisions during the past eleven Mays. The average for the State is 5.41 inches, 1.19 inches above the average of the preceding ten years.

Average precipitation for each Division for May of the years specified:

TERRITORY.	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Average.
Northern Division..	4.33	4.16	4.45	2.56	5.05	6.34	3.38	2.20	4.47	1.77	5.86	4.05
Central Division....	5.69	0.98	5.94	2.07	8.63	5.45	4.39	3.55	3.93	3.84	6.84	4.66
Southern Division..	6.01	2.24	5.21	2.95	6.09	5.34	5.05	3.16	3.94	3.44	3.52	4.27
The State.....	5.34	2.46	5.20	2.53	6.59	5.71	4.27	2.97	4.11	3.02	5.41	4.33

The following are the most marked departures from the normal precipitation for May:

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	Inches.	County.	Place.	Inches.
Rock Island.....	Davenport	5.14	Pope	Golconda.....	1.68
Sangamon.....	Springfield.....	3.88	Hamilton.....	McLeansboro.....	1.38
Tazewell.....	Pekin.....	3.82	Wayne.....	Fairfield	1.40
Knox.....	Oneida.....	3.13			
Peoria.....	Peoria.....	2.92			
Cook.....	Chicago.....	2.72			
Lee.....	Prairieville.....	2.61			
Stephenson.....	Cedarville.....	1.88			
Madison.....	Collinsville.....	1.79			
Champaign.....	Philo.....	1.67			
DeKalb.....	Sycamore.....	1.58			

MEAN RELATIVE HUMIDITY.

NORTHERN DIVISION.		CENTRAL DIVISION.		SOUTHERN DIVISION.	
Station.	Per cent.	Station.	Per cent.	Station.	Per cent.
Lake Forest.....	72.3	Pekin.....	84.8	Richview.....	73.9
Chicago.....	70.6	Keokuk, Iowa.....	71.1	Cairo.....	69.1
Aurora.....	79.0	Springfield.....	69.9	St. Louis.....	65.5
Prairieville.....	74.7	Windsor.....	78.0		
Peoria.....	66.0	Jacksonville.....	78.0		
Watseka.....	76.0				
Monmouth.....					
Davenport, Ia.....	71.7				
Mean.....	72.8	Mean.....	76.4	Mean.....	69.8

The mean relative humidity for State, 73.0 per cent.

WIND.

The following is the wind data for May, as reported from stations having self-registering anemometers:

STATIONS.	WIND—Miles.		
	Total movement.	Av. hourly velocity.	Maximum hourly velocity—direction and date.
Chicago.....	7,507	10.1	44—S. W. on the 4th.
Prairieville.....	6,504	8.8	35—N. E. on the 2d.
Davenport, Ia.....	6,634	8.9	60—S. E. on the 4th.
Watseka.....	6,120	8.2	25—S. W. on the 3d.
Keokuk, Ia.....	6,555	8.8	48—S. E. on the 2d.
Jacksonville.....	5,778	7.9	24—S. W. on the 8th and S. on the 11th.
Springfield.....	5,158	7.0	30—S. on the 3d and S. W. on the 27th.
Windsor.....	6,452	8.6	25—N. W. on the 12th.
St. Louis, Mo.....	8,862	11.9	46—S. on the 3d.
Cairo.....	5,571	7.6	36—S. W. on the 27th.

NOTE: The average hourly velocity is obtained by dividing the total movement by 24 times the number of days in the month.

DIRECTION OF WIND.

TERRITORY.	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.
Northern Division.....	1	2	4	8	1	8	2	2
Central Division.....	0	0	1	15	0	4	0	0
Southern Division.....	0	1	0	8	1	4	2	1
The State.....	1	3	5	31	2	16	4	3

THUNDERSTORMS.

Jordan's Grove, on the 1st, 7th, 15th and 24th; Beason, on the 3d, 7th, 11th, 15th, 18th, 24th and 27th; Paris, on the 7th, 18th, 27th and 28th; Irishtown, on the 17th, 24th and 27th; Lake Forest, on the 3d, 10th, 11th, 27th and 28th; Windsor, on the 3d, 4th, 7th, 18th, 24th, 27th and 28th; Philo, on the 24th and 27th; Brush Hill, on the 3d, 7th, 11th, 24th, 26th, 27th and 28th; Eberle, on the 4th and 29th; Camargo, on the 27th; Cedarville, on the 3d, 10th, 11th and 30th; Wheeling, on the 3d, 7th, 8th, 10th, 24th and 27th; McLeansboro, on the 7th, 17th, 18th, 23d, 24th, 27th and 28th; White Hall, on the 3d, 7th, 26th and 27th; Aurora, on the 3d, 11th, 24th, 27th and 28th; Richview, on the 3d, 15th and 23d; Riley, on the 2d, 24th, 27th and 28th; Oswego, on the 3d, 8th, 27th, 28th and 30th; Lanark, on the 3d, 10th, 11th, 27th and 30th; Lacon, on the 3d, 8th, 11th, 18th, 24th, 27th and 28th; Pekin, on the 3d, 7th, 11th, 24th, 26th and 28th; Watseka, on the 27th and 28th; Oneida, on the 3d, 7th, 27th and 28th; Centralia, on the 24th and 27th; Collinsville, on the 3d, 22d, 23d, 27th and 28th; Pana, on the 7th, 24th and 27th; Mahomet, on the 17th, 24th and 27th; Mattoon, on the 2d, 3d, 7th, 18th, 24th, 27th and 28th; Ottawa, on the 3d, 11th, 24th, 28th and 30th; Mt. Morris, on the 10th, 11th, 27th, 28th and 30th; Sycamore, on the 3d, 8th, 10th, 24th, 27th and 30th; Dwight, on the 4th, 8th, 11th, 15th, 17th, 27th and 28th; Peoria, on the 3d, 7th, 11th, 24th, 26th and 27th; Springfield, on the 3d, 4th, 7th, 11th, 15th, 18th, 22d, 24th, 25th, 26th, 27th and 28th; Keokuk, on the 2d, 3d, 10th, 15th, 26th and 27th; Belvidere, on the 3d, 23d, 27th and 28th; Flora, on

the 17th; Golconda, on the 15th, 24th, 27th and 28th; Winnebago, on the 3d, 10th, 11th, 24th, 27th, 28th and 30th; Vandalia, on the 3d, 7th, 24th, 27th and 28th; New Athens, on the 7th, 8th, 15th, 17th, 23d and 24th; Jacksonville, on the 3d, 7th and 26th; Olney, on the 17th, 23d and 27th; Griggsville, on the 3d, 6th, 7th, 15th, 24th, 26th and 27th; Prairieville, on the 2d, 3d, 10th, 11th, 27th, 28th and 30th.

OPTICAL PHENOMENA.

SOLAR HALOS.

Beason, on the 2d and 29th; Philo, on the 11th and 21st; Eberle, on the 27th, 28th and 29th; McLeansboro, on the 28th; Richview, on the 28th, 29th, 30th and 31st; Riley, on the 3d, 10th, 25th and 26th; Watseka, on the 1st.

LUNAR HALOS.

Paris, on the 18th; Brush Hill, on the 22d; Wheeling, on the 19th; Gibson City, on the 23d; Pekin, on the 22d; Flora, on the 18th; New Athens, on the 18th and 21st; Jacksonville, on the 22d; Prairieville, on the 21st and 23d.

AURORA.

Riley, Winnebago and Aurora, on the 20th.

METEORS.

Jordan's Grove, on the 19th, brilliant.

POLAR BANDS.

Riley, on the 2d, 5th, 6th, 7th, 17th and 19th.

MISCELLANEOUS PHENOMENA.

HAIL.

Paris, on the 27th; Windson, on the 27th, Philo, on the 27th; Brush Hill, on the 24th, 27th and 28th; Gibson City, on the 27th; Lacon, on the 3d and 27th; Pekin, on the 27th; Oneida, on the 3d, 27th and 28th; Mahomet, on the 27th; Mattoon, on the 27th; Sycamore, on the 27th; Peoria, on the 27th; Golconda, on the 15th.

FROST.

Jordan's Grove, on the 14th and 15th; Paris, on the 14th; Windsor, on the 1st, 14th and 19th; Kampville, on the 14th; Philo, on the 13th, 14th and 15th; Brush Hill, on the 4th, 13th, 14th, 15th and 19th; Camargo, on the 5th, 13th and 15th; Cedarville, on the 14th and 15th; McLeansboro, on the 14th and 15th; White Hall, on the 1st, 2d, 13th, 14th, 15th, 16th, 19th and 20th; Aurora, on the 13th, 14th, 16th and 20th; Richview, on the 14th and 15th; Riley, on the 1st, 2d and 13th; Oswego, on the 13th, 14th, 15th and 16th; Lanark, on the 13th, 16th and 19th; Sumner, on the 13th and 15th; Lacon, on the 13th, 14th, 19th and 20th; Pekin, on the

11th and 14th; Watseka, on the 1st, 2d, 5th, 13th, 14th, 15th, 16th, 19th and 20th; Oneida, on the 5th, 12th, 13th, 14th, 16th, 19th and 20th; Centralia; on the 14th and 15th; Mahomet, on the 5th; Ottawa, on the 13th; Mt. Morris, on the 14th, 14th, 16th and 19th; Sycamore, on the 5th and 13th; Winchester, on the 14th and 15th; Dwight, on the 18th and 19th; Davenport, on the 5th, 13th, 14th, 15th, 16th and 19th; Chicago, on the 14th and 15th; Keokuk, on the 13th, 14th and 19th; St. Louis, on the 14th; Flora, on the 15th; Golconda, on the 14th and 15th; Winnebago, on the 12th and 13th; New Athens, on the 14th; Olney, on the 5th and 15th; Griggsville, on the 13th, 14th and 19th; Prairieville, on the 13th.

SUNSPOTS, MAY, 1888.

RECORDED BY JOHN W. JAMES, VOL. OBSERVER, RILEY.

None seen until the 12th, then a large spot. near the E. limb; this spot was on the sun's meridian on the 17th, and disappeared by the solar rotation on the 23d; its diameter was 28,000 miles. On the 13th a group, estimated 64,000 miles long, of small spots appeared near the E. limb, but vanished when about two-thirds across the disc; two or three small spots appeared above the large one about the 18th or 19th, and another was formed on the edge of the penumbra of the large spot about the same time.

THE following Weekly Weather Crop-Bulletins have been issued by this office during May, 1888; being a summary of the weekly reports made to the Secretary of the State Board of Agriculture, by the Observers of the Illinois Weather Service and Crop Reporters, in connection with the U. S. Signal Service.

DEPARTMENT OF AGRICULTURE.

SPRINGFIELD, ILL., May 5, 1888.

WEATHER.

Temperature.—The mean temperature during the past week was nearly up to the average of the corresponding week in previous years.

Light frosts are reported in a number of the northern counties during the past week.

Precipitation.—The rainfall throughout the State during the past week is below the average. In a number of counties there have been good local showers, which makes the amount of rainfall therein up to a seasonable weekly average.

Sunshine.—The percentage of sunshine during the past week was nearly up to a seasonable average.

CONDITION OF CROPS.

Corn.—The planting of corn has been delayed by the cold, dry season and this crop in the southern counties will be from two to three weeks in growth. The late rains will put the ground in fair condition for planting, which will rapidly advance until this work is completed. The area will be large, as much of the land occupied by winter-killed wheat is being plowed for or will be planted with corn.

Oats.—This crop is looking well in all portions of the State where there has been sufficient rain. In the majority of counties this crop is nearly up to an average in condition.

Winter Wheat.—The reports concerning the condition of wheat are less favorable than heretofore. Considerable cheat is found growing in many fields supposed until recently to contain a partial stand of wheat.

Spring Wheat is making some growth and is nearly up to an average in condition in the few northern counties in which this crop is grown.

Meadows and Pastures.—The recent rains and warm weather during the past week have been favorable for the growth of grass. The present condition of meadows gives encouragement for half to three fourths of an average yield per acre of hay.

Fruit.—The apple and other fruit trees are well covered with blossoms and the reports concerning the outlook for fruit are quite encouraging.

Live Stock.—In the southern portion of the State an improvement in the condition of farm animals is reported.

DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, ILL., May 12, 1888.

WEATHER.

Temperature.—The temperature of the State during the past week was up to a seasonable average except in the northern tier of counties.

Precipitation.—In a majority of the counties there was more than an average weekly rainfall. The rains were more general and heavier in the northern division of the State than elsewhere, during the past week.

The reporters in several of the central and southern counties report that much more rain is needed to ensure average results in development of the growing crops.

Sunshine.—There was more than a seasonable amount of cloudiness throughout the State, during the past week.

SEASON AND CONDITION OF CROP.

The weather during the past week, except in the most northern counties, has been warm and favorable for the growth of vegetation.

Showers have been quite general throughout the State and the grass and grain have been greatly benefitted thereby. The lack of sunshine has been the only drawback to the seasonable growth of the crops. The most discouraging feature of the season is the presence of chintz-bugs, armyworms and other insects in unusual numbers, in many of the central and southern counties. ✓

Winter Wheat.—The condition of winter wheat indicates that in the northern division of the State, where but little wheat is grown there will be about three-fourths of an average yield per acre.

In the central division a large extent of the area was winter-killed and the growing crop will not make much over half an average yield per acre. In the central division a large extent of the area was winter-killed and the growing crop will not make over half an average yield. In the southern division of the State the condition of the crop gives promise of making about two-thirds of an average yield per acre.

Spring Wheat.—There is better than the average stand of spring wheat in the northern division of the State and with favorable conditions until harvest there will be nearly an average yield per acre. The prospects for this crop are not as favorable in the central counties, in which the yield per acre is likely to be about fifteen per cent. below an average.

Corn.—The prospects for corn have not been more encouraging at corresponding season, for some years past. The recent rains have put the ground into good condition for this crop. The early planted corn in the central counties is up and looks well.

The cutworms are reported as doing damage to the corn in some of the southern counties.

Oats.—This crop looks well and has been benefitted by the recent rains. The prospects are favorable for an average yield per acre.

Meadows and Pastures.—The late rains have greatly improved the condition of grass lands. The prospects are favorable for from half to three-fourths of an average yield of hay per acre. The grass is thin in the pastures, in sections where the drouth prevailing last season.

Fruit.—In the majority of counties the fruit bloom is large and with favorable conditions there will be about an average crop of apples, etc.

Live Stock.—Farm animals are improving in condition, with the growth of grass, and there are no complaints of disease.

DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, ILL., May 19, 1888.

SEASON.

The mean temperature during the past week was below a seasonable average. In the northern and central division of the State frost was reported on the 13th, 14th and 15th and ice formed on the 14th.

Tender vegetation was injured by the freezing weather and some varieties of fruit nipped by the frost.

Precipitation.—The rainfall has been quite general throughout the State during the past week and more than a seasonable weekly average is reported. There is however a deficiency in the rainfall for the season as compared with precipitation in average years.

Sunshine.—Cloudiness has prevailed to an unusual extent during the past week.

ILLINOIS CROP PROSPECTS.

The reports received on this date from all portions of the State indicate that cold, cloudy and rainy weather has prevailed quite generally during the past week.

Corn.—The season this far has not been favorable for the growth of corn and there is considerable complaint to the effect that corn is yellow and lacks vigor, owing to the cold, backward and unfavorable season. Cutworms and other corn insects are doing more damage than usual this season. The poor stand of corn in many localities has made it necessary to do an unusual amount of replanting. But for the injury sustained by insects, the late rains, if followed by warm weather, will soon bring corn up to a fair average in condition.

Oats.—This crop is not up to an average in condition and the effect of the cold cloudy season are seen in the slow growth and in some sections of the State in the unhealthy color of the plant.

The area of this crop in many counties in the State has never before been as large as this season and with favorable weather until harvest an unusually large crop of oats will be produced this year.

Wheat.—The late rains have been favorable for the growth of spring wheat, which in a number of northern counties is nearly up to an average in condition. There has been no improvement in the condition of winter wheat during the past week in the central and southern counties and in some counties in the southern division there will not be one-fourth of an average yield per acre.

Grass Lands.—The condition of meadows and pastures is some better than last week. More clover was winter-killed than heretofore reported and insects are working in large numbers on the meadows and pastures, especially in the southern counties where unprecedented damage has been sustained by these pests.

Fruit.—The tender varieties of small fruits have been injured somewhat by the repeated frosts and freezing weather during the past week. The fruit trees of nearly every variety have an unusually heavy bloom, and with favorable season a large fruit crop may be anticipated.

Live Stock.—The reports indicate that the condition of live stock is improving, with the slow growth of grass. There are no complaints of disease among domestic animals.

DEPARTMENT OF AGRICULTURE,

SPRINGFIELD, ILL., May 26, 1888

SEASON.

The mean temperature during the past week was nearly up to a seasonable average and favorable to the growth of vegetation.

Precipitation.—The rainfall during the past week was general throughout the State, and in the Central Division exceeded a seasonable weekly average. The rainfall during the past two weeks has brought the rainfall since the first of the year up to about one inch of the average for the corresponding period during the past sixteen years. The greatest deficiency in the rainfall is in the Southern Division, and the least in the Northern Division.

The rainfall from January 1 to May 18, 1888, at Cairo was 2.88 inches below the average for the same period for the past sixteen years, 1.83 inches below the average at Springfield for corresponding period during the past nine years, and 1.47 inches below the average at Chicago for sixteen years.

Sunshine.—There was a seasonable per cent. of sunshine in all portion of the State during the past week.

CROP PROSPECTS.

The reports received on this date from all portions of the State give assurances that much needed rains have visited all portions of the State, and that warm, growing weather has prevailed during the past week. The prospects are more favorable for all the growing crops than May 19, the date of the last report.

Corn.—This crop is making good growth, and the color and vitality of the plant is improving under the influence of sunshine and a seasonable temperature. There is only a fair stand of corn, and the cold, backward spring has necessitated more re-planting than usual. Corn is needing cultivation, which will be delayed by the heavy rains of the past week, except on drained land.

Oats.—The warm, growing weather of the past week has had a marked effect for good upon this crop, which is nearly up to an average in condition in the majority of counties in the State.

Wheat.—There has been considerable improvement in the condition of spring wheat in the Central and Northern counties, and nearly an average yield per acre, with favorable season until harvest, is expected. The condition of winter wheat is about the same as heretofore reported. Nearly an average yield per acre is anticipated by the correspondents only in the counties of Union, Alexander and Hardin, and from half to three-fourths of an average yield per acre in the counties of Williamson, Pope, Jackson, Randolph, White, Wabash, Clay, Marion and St. Clair, and much less in the other counties in the Southern Division not named.

Grass Lands.—There has been a marked improvement in the condition of meadows and pastures during the past week, in all portions of the State.

Fruit.—The prospect for small fruits in most of the Southern counties is good, and the quality and yield of strawberries is about up to an average.

Live Stock.—The condition of farm animals is better than at date of last report.

REMARKS.

METEOROLOGICAL OBSERVERS.

MONTH OF MAY, 1883.

ALEXANDER COUNTY—C. L. BOZZELL, Observer, Signal Corps, Cairo. Highest barometer, 30.160, on the 5th; lowest, 29.680, on the 28th; mean, 29.935; range, 0.780. Highest temperature, 84° 5, on the 26th; lowest, 42° 1, on the 14th; range, 42° 4; greatest daily range, 25° 6, on the 2d; least, 3° 8, on the 16th; mean daily range, 15° 7; mean maximum temperature, 72° 3; mean minimum, 56° 6. The mean temperature of the month, 64° 6, was 3° 4 below the normal for the past sixteen years. The precipitation, 3.58 inches, was 0.37 of an inch below the normal for the past sixteen years, falling on thirteen days, viz: 3d, 4th, 7th, 8th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 24th and 28th. Mean relative humidity, 69.1 per cent. Prevailing direction of the wind, N.E.; total movement, 5571 miles; maximum velocity, 36 miles from the S.W., on the 27th. There were 5 clear, 16 fair and 10 cloudy days.

BOND COUNTY—M. S. OUDYN, Ph. G., Observer, Greenville. Highest temperature, 87°, on the 27th; lowest, 34°, on the 14th; range, 53°; greatest daily range, 35°, on the 5th; least, 10°, on the 1st and 17th; mean daily range, 22° 3; mean maximum temperature, 72° 3; mean minimum, 50° 0. The mean temperature of the month, 60° 9, was 3° 3 below the normal for the past nine years. The precipitation, 5.00 inches, was 0.77 of an inch below the normal for the past five years, falling on eleven days, viz: 1st, 4th, 8th, 10th, 12th, 15th, 17th, 18th, 24th, 27th and 28th. Prevailing direction of the wind, S.E. There were 13 clear, 7 fair and 11 cloudy days. Solar halo on the 2th; lunar on the 18th. Thunderstorms on the 3d, 7th, 18th, 24th, 27th and 28th.

BOONE COUNTY—E. L. LAWRENCE, Observer, Belvedere. Highest temperature, 80°, on the 22d and 27th; lowest, 40°, on the 16th; range, 40°. The mean temperature of the month, 54°. The precipitation, 5.39 inches, falling on eleven days, viz: 2d, 7th, 8th, 9th, 12th, 15th, 18th, 25th, 27th, 28th and 30th. Prevailing direction of the wind, N.E. There

were 12 clear, 11 fair and 8 cloudy days. Thunderstorms on the 3d, 23d, 27th and 28th.

CALHOUN COUNTY—DR. S. SOUTHWORTH, Observer, Kampville. Highest temperature, 89°, on the 27th; lowest, 46°, on the 1st. The mean temperature of the month was 63° 7. The precipitation was 6.12 inches, falling on eight days, viz: 2d, 7th, 8th, 15th, 18th, 24th, 27 and 28th. Prevailing direction of the wind, S.W. There were 11 clear, 12 fair and 8 cloudy days. Thunderstorms on the 3d, 7th, 24th, 26th and 28th. Frost on the 14th.

CARROLL COUNTY—CHAS. H. BEELER, Observer, Lanark. Highest temperature, 78°, on the 27th; lowest, 32°, on the 13th; range, 46°; greatest daily range, 22°, on the 20th; least daily, 0°, on the 6th. The mean temperature of the month was 56°. The precipitation was 6.46 inches, falling on thirteen days, viz: 2d, 3d, 7th, 8th, 9th, 11th, 15th, 17th, 18th, 25th, 27th, 28th and 30th. Prevailing direction of the wind, N.W.; maximum velocity, gale from the S.W., on the 27th. There were 16 clear, 5 fair and 16 cloudy days. Solar halo on the 3d. Aurora on the 19th. Thunderstorms on the 3d, 10th, 11th, 27th and 30th. Frosts on the 13th, 16th and 19th; that of the 13th freezing ice $\frac{1}{4}$ of an inch thick and freezing the ground. Early strawberries and delicate garden vegetables injured.

CHAMPAIGN COUNTY—DR. C. L. MYERS, Observer, Mahomet. Highest temperature, 83°, on the 27th; lowest, 32°, on the 15th; range, 51°; greatest daily range, 37°, on the 5th; least, 5°, on the 18th; mean daily range, 18°. The mean temperature of the month was 58°. The precipitation was 7.84 inches, falling on eleven days, viz: 2d, 3d, 7th, 9th, 11th, 15th, 17th, 24th, 25th, 27th and 28th. Prevailing direction of the wind, S.E. There were 7 clear, 12 fair and 12 cloudy days. Thunderstorms on the 17th, 24th and 27th. Frost occurred on the 5th. Degree of sun-

shine, 42. Hail fell for five minutes, many as large as ordinary strawberries, on the evening of the 27th, but no great damage is reported. The rainfall from night of the 25th to the evening of the 28th was 5.47 inches. Highest barometer occurred on the 20th; lowest on the 28th.

CHAMPAIGN COUNTY—HUBERT BURR, Observer, Philo. Highest barometer, 30.24, on the 20th; lowest, 29.65, on the 28th; mean, 29.95; range, 0.59. Highest temperature, 84°, on the 11th and 27th; lowest, 36°, on the 1st and 13th; range, 48°; greatest daily range, 37°, on the 3d; least daily, 4°, on the 7th; mean daily range, 15° 6'; mean maximum temperature, 67°; mean minimum, 51° 4'. The mean temperature of the month, 58° 7', was 3° 2' below the normal for the past three years. The precipitation, 6.68 inches, was 1.67 inches above the normal for the past three years, falling on ten days, viz: 3d, 7th, 8th, 11th, 15th, 17th, 24th, 25th, 27th and 28th. Prevailing direction of the wind, S. E.; maximum velocity, 30 miles from the N., on the 12th. There were 13 clear, 10 fair and 8 cloudy days. Solar halos on the 11th and 21st. The thunderstorms of the 24th and 27th were accompanied by heavy thunder. Hail fell on the afternoon of the 27th the size of a robin's egg. Reports from the south part of the county say that hail stones fell the size of a walnut, there being no wind at the time there was but little damage done. There were light frosts on the 13th and 15th. There was a light fall of frozen snow on the morning of the 14th. Rainbow on the 30th.

CHRISTIAN COUNTY—J. K. EBERLE, Observer, Pana. Highest temperature, 75°, on the 11th; lowest, 35°, on the 1st and 14th; range, 40° 0'. The mean temperature of the month was 55° 5'. The precipitation was 6.08 inches, falling on ten days, viz: 3d, 7th, 11th, 15th, 17th, 18th, 24th, 25th, 27th and 28th. Prevailing direction of the wind, S. E. & S. W. There were 10 clear, 5 fair and 16 cloudy days. Thunderstorms on the 7th, 24th and 27th.

CLAY COUNTY—L. A. MICHELS, Observer, Flora. Highest temperature, 84°, on the 24th; lowest, 30°, on the 15th; range, 54°; greatest daily range, 40°, on the 3d; least daily, 10°, on the 4th; mean daily, 21°; mean maximum temperature, 72°; mean minimum, 51°. The mean temperature of the month, 59°, was 4° below the normal for the past three years. The precipitation, 3.32 inches, was 0.63 of an inch above the normal for the past three years, falling on nine days, viz: 3d, 7th, 11th, 15th, 17th, 18th, 24th, 27th and 28th. There were 15 clear, 6 fair and 10 cloudy days. Lunar halo on the 18th. Frost on the 15th. Thunderstorm on the 17th.

CLINTON COUNTY—WM. ROGAN, Observer, Irishtown. Highest temperature, 87°, on the 27th; lowest, 45°, on the 1st and 14th; range, 42°; greatest daily range, 24°, on the 5th; least, 3°, on the 24th. The mean temperature of the month, 63°, was 5° below the mean for the past three years. The precipitation, 3.95 inches, was .58 of an inch above the mean for the past four years, falling on 9 days, viz: 4th, 7th, 8th, 10th, 15th, 19th, 18th, 24th and 29th. There were 10 clear, 12 fair and 9 cloudy days. Thunderstorms on the 17th, 24th and 27.

COLES COUNTY—WM. DOZIER, Observer, Mattoon. Highest temperature, 91° 0', on the 26th; lowest, 36°, on the 15th; range, 55°. The mean temperature of the month, 60°, was 2° 9' below the normal for the past eight years. The precipitation, 5.90 inches, was 0.84 of an inch above the normal for the past eight years, falling on thirteen days, viz: 2d, 3d, 7th, 8th, 9th, 11th, 15th, 17th, 18th, 24th, 25th, 27th and 28th. Prevailing direction of the wind, S. E. & W. There were 11 clear, 13 fair and 7 cloudy days. Thunderstorms on the 2d, 3d, 7th, 18th, 24th, 27th and 28th. Hail on the 27th.

COOK COUNTY—H. C. FRANKINFELD, Observer, Signal Corps, Chicago. Highest barometer, 30.300, on the 20th; lowest, 29.550, on the 27th; mean, 29.900; range, .750. Highest temperature, 81°, on the 27th; lowest, 32° 2' on the 1st; range, 48° 8'; greatest daily range, 34° 8', on the 3d; least, 4° 5', on the 18th; mean daily range, 16° 4'; mean maximum temperature, 61° 3'; mean minimum, 44° 9'. The mean temperature of the month, 56° 6', was .2 below the normal for the past 17 years. The precipitation, 6.22 inches, was 2.72 inches above the normal for the past 17 years, falling on fifteen days, viz: 1st, 3d, 4th, 7th, 8th, 10th, 11th, 12th, 15th, 17th, 18th, 25th, 27th, 38th and 31st. Mean relative humidity, 70.6 per cent. Prevailing direction of the wind, E.; total movement, 7507 miles; maximum velocity, 44 miles from the S. W., on the 4th. There were 10 clear, 7 fair and 14 cloudy days. Frost on the 14th and 15th.

CRAWFORD COUNTY—JNO. E. TEMPLETON, Observer, Palestine. Highest temperature, 87°, on the 24th; lowest, 32° 5', on the 15th; range, 54° 5'; greatest daily range, 39° 9', on the 3d; least daily, 5° 6', on the 1st; mean daily, 21° 0'; mean maximum temperature, 71° 5'; mean minimum, 50° 5'; mean temperature of the month, 60° 3', was 3° 1' below the normal for the past six Mays. The precipitation, 2.40 inches, was 1.28 inches below the normal for the past six Mays, falling on nine days, viz: 3d, 7th, 12th, 15th, 17th, 18th, 24th, 27th and 28th. There were 12 clear, 11 fair and 8 cloudy days. The frost on the morning of the 15th nipped oak and hickory sprouts in the low ground, but did not hurt the fruit. The Wabash river is getting out of its banks and threatening the low ground. The precipitation for a year ending May 31st was 28.68 inches, which is 12.01 inches below the normal for the last five years ending May 31st.

DEKALB COUNTY—ROSWELL DOW, Observer, Sycamore. Highest temperature, 81°, on the 27th; lowest, 32° 8', on the 13th; range, 48° 2'; greatest daily range, 24°, on the 5th; least, 1° 2', on the 7th. The mean temperature of the month, 52° 9', was 5° below the normal 57° 9', for the past eight years. The precipitation, 5.50 inches, was 1.58 inch more than the normal 3.92 inch, for the past eight years, falling on fifteen days, viz: 3d, 7th, 8th, 9th, 10th, 11th, 14th, 15th, 17th, 18th, 24th, 25th, 27th, 28th and 30th. Prevailing direction of the wind, S. E.; maximum velocity, 40 miles from the N. W., on the 11th and 27th. There were 8 clear, 9 fair and 14 cloudy days. Thunderstorms on the 3d, 8th, 10th, 24th, 27th and 30th. Hail on the 27th. The high winds of the 11th and 27th preceded the rains. The precipitation was greater than for any other month since September 1885, a period of 32 months, and was greater than for any other May for eight years excepting May 1883. The

temperature was lower than for any other May for eight years. Frost on the 5th and 13th.

DOUGLAS COUNTY—MISS MARY ILES, Observer, Camargo. Highest temperature, 85°, on the 27th; lowest, 28°, on the 1st; range, 58°. Precipitation on the 4th, 7th, 11th, 18th, 25th, 27th and 28th. Prevailing direction of the wind, S. & S.E. There were 4 clear, 16 fair and 11 cloudy days. Solar halo on the 20th. Thunderstorm on the 27th at 3 a.m. and 9 p.m. Heavy frost on the 15th which did little damage to gardens. This has been a good month for farmers; corn nearly all planted. Have had some heavy rains that made the ground very wet; no damage done in this part; good prospect for fruit.

DUPAGE COUNTY—R. I. MORGAN, Observer, Wheaton. Highest temperature, 81°, on the 27th; lowest, 31°, on the 13th; range 50°. The mean temperature of the month, 54°02.

EDGAR COUNTY—WILBUR T. COOK, Observer, Paris. Highest temperature, 84°, on the 27th; lowest, 37°, on the 1st. The mean temperature of the month, 59°7. The precipitation, 4.35 inches, falling on ten days, viz: 4th, 7th, 8th, 12th, 15th, 18th, 24th, 25th, 27th and 28th. Prevailing direction of the wind, S.E. There were 10 clear, 13 fair and 8 cloudy days. Lunar halo on the 18th. Thunderstorms on the 7th, 18th, 27th and 28. Frost on the 14th. Hail on the 27th. Light snow on the morning of the 24th.

EDWARDS COUNTY—B. F. MICHELS, Observer, Albion. Highest temperature, 90°, on the 9th; lowest, 39°, on the 15th; range, 51°; greatest daily range, 27°, on the 3d, 5th and 11th; least, 9°, on the 7th and 19th; mean daily range, 18°48+. The mean temperature of the month, 63°09+. The precipitation, 3.175 inches, falling on seven days, viz: 4th, 7th, 8th, 12th, 15th, 17th and 24th. Prevailing direction of the wind, W. There were 14 clear 5 fair and 12 cloudy days.

EFFINGHAM COUNTY—GEORGE STRONG, Observer, Eberle. Highest temperature, 84°, on the 10th and 27th; lowest, 34°, on the 5th, range, 50°. The mean temperature of the month, 61°2. The precipitation, 3.95 inches, falling on seven days, viz: 4th, 8th, 15th, 18th, 25th, 26th and 28th. Prevailing direction of the wind, S.W. There were 12 clear, 9 fair and 10 cloudy days. Solar halos on the 27th, 28th and 24th. Thunderstorms on the 4th and 24th.

FAYETTE COUNTY—JOS. URBANI, Observer, Vandalia. Highest barometer, 30.08 on the 19th and 20th; lowest, 29.58, on the 28th; mean, 29.86; range, 0.50. Highest temperature, 90°, on the 27th; lowest, 35°, on the 14th; range, 55°; greatest daily range, 30°, on the 20th and 21st; least, 6°, on the 1st and 4th; mean daily range, 19°; mean maximum temperature of the month, 62°25. The precipitation, 6.01 inches, falling on nine days, viz: 3d, 7th, 9th, 15th, 17th, 18th, 24th, 27th and 28th. Prevailing direction of the wind, S & S.E. There were 11 clear, 7 fair and 13 cloudy days. Thunderstorms on the 3d, 7th, 24th, and 28th.

FRANKLIN COUNTY—J. MCPHERSON, Observer, Benton. Highest temperature, 90°, on the 26th; lowest, 46°, on the 14th; range, 44°. The mean temperature of the month was 65°. The precipitation was 1.75 inches, falling on eight days, viz: 4th, 7th, 11th, 13th, 15th, 17th, 18th and 24th. Prevailing direction of the wind, S.W. There were 10 clear, 12 fair and 9 cloudy days.

GREENE COUNTY—P. J. BATES, Observer, White Hall. Highest temperature, 86°, on the 27th; lowest, 38°, on the 14th; range, 48°; greatest daily range, 20°, on the 3d, 5th, 6th, 10th, 14th, 20th, 22d, 23 and 27th; least 2°, on the 18th. The mean temperature of the month, 63°2. The precipitation, 5.48 inches, falling on ten days, viz: 4th, 7th, 11th, 15th, 16th, 17th, 18th, 24th, 27th and 28th. Prevailing direction of the wind, S.E. There were 12 clear 9 fair and 10 cloudy days. Thunderstorms on the 3d, 7th, 26th and 27th. Frost on the 1st, 2d and 13th; on the 14th, ice one-sixteenth inch. Frost on the 15th, 16th, 19th and 20th.

HAMILTON COUNTY—W. P. GIBBS, Observer, McLeansboro. Highest temperature, 92°, on the 27th; lowest, 35°, on the 14th; range, 57°; greatest daily range, 35°, on the 6th; least, 6°, on the 17th; mean daily range, 22°2; mean maximum temperature, 76°2; mean minimum, 54°1. The mean temperature of the month, 63°4, was 0°7 below the normal for the past six years. The precipitation, 2.79 inches, was 1.38 inches below the normal for the past six years, falling on eight days, viz: 2d, 4th, 7th, 9th, 12th, 15th, 17th, 18th and 24th. Prevailing direction of the wind, N.W.; maximum velocity, 15 to 29 miles from the S & N.W., on the 3d, 12th and 14th. There were 5 clear, 19 fair and 7 cloudy days. Solar halo on the 28th from 11 a.m. to 2 p.m. Thunderstorms on the 7th, 17th, 18th, 23d, 24th, 27th and 28th. Frost on the 14th and 15th. Still a deficiency of rain here, but what we have had with the few warm days has started corn, oats, pastures and meadows. As to wheat, it is about out of the question—not half enough for the chinch-bugs.

HANCOCK COUNTY—FRED Z. GOSEWISCH, Observer, Signal Corps, Keokuk Iowa. Highest barometer, 30.200, on the 20th; lowest, 29.420, on the 27th; mean, 29.878; range, 0.780. Highest temperature, 83°, on the 27th; lowest, 36°, on the 14th; range, 47°; greatest daily range, 27°9, on the 21st; least daily, 6°7, on the 8th; mean daily range, 19°1; mean maximum temperature, 67°9; mean minimum, 48°8. The mean temperature of the month, 58°0, was 5°3 below the normal for the past sixteen years. The precipitation, 5.06 inches, was 1.06 inches above the normal for the past sixteen years, falling on thirteen days, viz: 2d, 3d, 7th, 8th, 10th, 11th, 15th, 17th, 18th, 24th, 26th, 27th and 28th. Mean relative humidity, 71.1 per cent. Prevailing direction of the wind, E.; total movement, 6,555 miles; maximum velocity, 48.0 miles from the S.E., on the 2d. There were 13 clear, 11 fair and 7 cloudy days. Solar halos on the 13th; lunar halos on the 24th. Thunderstorms on the 2d, 3d, 10th, 15th, 26th and 27th. Frosts on the 13th, 14th and 19th.

HENDERSON COUNTY—R. HODSON, Observer, Okawaka. Highest temperature, 84°, on the 23d; lowest, 39°, on the 13th; range, 45°. The mean temperature of the month

was 59°.4. The precipitation was 5.06 inches, falling on seven days, viz: 2d, 3d, 7th, 17th, 24th, 26th and 27th. Prevailing direction of the wind, S. & S.E. There were 9 clear, 11 fair and 11 cloudy days.

IROQUOIS COUNTY—H. UPSALL, Observer, Watseka. Highest barometer, 30.266, on the 20th; lowest, 29.559, on the 27th; mean, 29.927; range, 0.707. Highest temperature, 85°, on the 27th; lowest, 33°, on the 13th; range, 52°; greatest daily range, 34°.5, on the 5th; least daily, 9°, on the 9th; mean daily range, 22°.4; mean maximum temperature, 68°.7; mean minimum, 46°.4. The mean temperature of the month, 57°.2, was 2°.5 below the normal for the past three years. The precipitation, 4.96 inches, was 0.87 of an inch above the normal for the past three years, falling on eight days, viz: 2d, 3d, 7th, 11th, 18th, 25th, 27th and 28th. Mean relative humidity, 76 per cent. Prevailing direction of the wind, N.; total movement, 6,120 miles; maximum velocity, 25 miles from the S.W., on the 3d. There were 15 clear, 4 fair and 12 cloudy days. Solar halos on the 1st. Thunderstorms on the 27th and 28th. Frosts on the 1st, 2d, 5th, 13th, 14th, 15th, 16th, 19th and 20th.

KANE COUNTY—M. M. ROBBINS, Observer, Aurora. Highest barometer, 20.190, on the 20th; lowest, 29.500, on the 11th; mean, 29.853; range, 0.690. Highest temperature, 84°, on the 27th; lowest, 32°, on the 16th; range, 52°; greatest daily range, 32°, on the 20th; least daily, 2°, on the 4th; mean daily range, 23°; mean maximum temperature, 68°; mean minimum, 45°. The mean temperature of the month, 54°.22, was 6°.13 below the normal for the past nine years. The precipitation, 5.16 inches, was 0.72 of an inch above the normal for the past nine years, falling on thirteen days, viz: 4th, 7th, 8th, 10th, 11th, 15th, 17th, 18th, 24th, 25th, 27th, 28th and 31st. Mean relative humidity, 79 per cent. Prevailing direction of the wind, S.E.; maximum velocity, 30 miles from the S.E., on the 3d. There were 1 clear, 19 fair and 11 cloudy days. Thunderstorms on the 3d, 11th, 24th, 27th, 28th and 31st. Frosts on the 13th, 14th, 16th and 20th. Aurora on the 20th.

KENDALL COUNTY—J. S. SEELY, Observer, Oswego. Highest barometer, 30.327, on the 20th; lowest, 29.699, on the 27th; mean, 30.001; range, 0.628. Highest temperature, 84°, on the 27th; lowest, 34°, on the 13th; range, 54°; greatest daily range, 31°, on the 21st; least daily, 4°, on the 7th. The mean temperature of the month, 54°, was 2° below the normal for the past eight years. The precipitation, 4.67 inches, was 0.77 of an inch below the normal for the past eight years, falling on thirteen days, viz: 2d, 3d, 4th, 7th, 8th, 9th, 11th, 17th, 24th, 25th, 27th, 28th and 30th. Prevailing direction of the wind, N.W. & S.E. There were 9 clear, 4 fair and 18 cloudy days. Thunderstorms on the 3d, 8th, 27th, 28th and 30th.

KNOX COUNTY—T. A. WETMORE, Observer, Oneida. Highest temperature, 84°, on the 27th; lowest, 34°, on the 12th; range, 50°. The mean temperature of the month, 56°, was 8°.1 below the mean for the past three years. The precipitation, 7.90 inches, was 3.15 inches below the mean for the past three years, falling on fifteen days, viz: 2d, 3d, 6th, 7th, 8th, 9th, 11th, 15th, 16th, 17th, 24th, 25th, 26th, 27th and

28th. Prevailing direction of the wind, W. There were 12 clear, 5 fair and 14 cloudy days. Thunderstorms on the 3d, 7th, 27th and 28th. Frost on the 5th, 12th, 13th, 14th, 16th, 19th and 20th. Hail on the 3d, 27th and 27th. On the night of the 13th ice formed three-sixteenths of an inch thick. On the forenoon of the 28th there was a severe wind and rain storm, accompanied by considerable hail in places. The wind blew down a few barns and sheds but did little damage otherwise. 1.44 inch of rain fell in about 30 minutes.

LAKE COUNTY, L. R. F. GRIFFIN, Observer, Lake Forest University, Lake Forest. Highest barometer, 30.431, on the 16th at 7 A.M.; lowest, 29.475 on the 10th at 10 P.M.; mean, 29.858; range, .956. Highest temperature, 80°, on the 28th; lowest, 28°, on the 16th; range, 52°; greatest daily range, 38°, on the 22d; least, 6°, on the 1st; mean daily range, 20°.2; mean maximum temperature, 60°.9; mean minimum, 40°.7. The mean temperature of the month, 52°.1, was 4°.5 below the normal for the past three years. The precipitation, 4.29 inches, was .84 inch above the normal for the past three years, falling on sixteen days, viz: 1st, 3d, 4th, 7th, 8th, 9th, 10th, 11th, 17th, 18th, 24th, 25th, 27th, 28th, 30th and 31st. Mean relative humidity, 723 per cent. Prevailing direction of the wind, S.W. There were 8 clear, 18 fair and 5 cloudy days. Total snowfall, 1 inch, of which none remained on the ground at the end of the month. Thunderstorms on the 3d, 10th, 11th, 27th and 28th. An inch of snow fell on the 1st.

LASALLE COUNTY—Dr. J. O. HARRIS, Observer, Ottawa. Highest temperature, 83°, on the 24th; lowest, 36°, on the 13th; range, 47°; greatest daily range, 30°, on the 22d; least daily, 5°, on the 4th; mean maximum temperature, 66°.7; mean minimum, 51°.9. The mean temperature of the month was 56°.2. The precipitation was 5.39 inches, falling on eleven days, viz: 2d, 7th, 8th, 9th, 10th, 15th, 16th, 17th, 25th, 27th and 28th. Prevailing direction of the wind, E & S.E. There were 7 clear, 11 fair and 13 cloudy days. Thunderstorm on the 28th.

LAWRENCE COUNTY—J. A. FYFFE, Observer, Sumner. Highest temperature, 90°, on the 11th and 26th; lowest, 34°, on the 15th; range, 56°. The mean temperature of the month, 64°, was 4°.6 below the mean of the past 2 years. The precipitation, 2.70 inches, was .75 inch below the mean of the past two years, falling on six days, viz: 12th, 15th, 17th, 18th, 24th and 28th. Prevailing direction of the wind, W.; maximum velocity, 7 miles from the S., on the 27th. There were 20 clear 6 fair and 5 cloudy days. Light frost on the 13th and 15th. Wheat in head on the 26th.

LEE COUNTY—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer, 30.160, on the 20th; lowest, 29.510, on the 27th; mean, 29.789; range, 0.650. Highest temperature, 82°.0, on the 27th; lowest, 36°.0, on the 1st and 13th; range, 46° 0; greatest daily range, 28°.0, on the 16th; least, 2°.0, on the 7th and 28th; mean daily range, 18°.9; mean maximum temperature, 63°.11; mean minimum, 44°.17. The mean temperature of the month, 56°.12, was 2°.0 below the normal for the past sixteen years. The precipitation, 7.08 inches, was 2.61 inches above the normal for the past eight Mays, falling on thirteen days, viz: 2d, 3d, 7th, 9th, 10th, 11th, 15th, 18th, 24th, 26th, 27th, 28th and 30th. Mean

relative humidity, 74.20 per cent. Prevailing direction of the wind, E; total movement, 9504 miles; maximum velocity, 35 miles from the N.E., on the 2d, at 9 p.m. There were 6 clear, 7 fair and 18 cloudy days. Lunar halos on the 21st and 23d. Thunderstorms on the 2d, 3d, 10th, 11th, 27th, 28th and 30th. For the sixteen years past May of 1881 was the warmest mean $66^{\circ}.29-8^{\circ}.07$ above the normal, and May, 1878, the coldest, $34^{\circ}.4-24^{\circ}.9$ below the normal for the past said number of years. Killing frost on the 13th, made ice one-fourth inch thick. Dense fog on the 16th.

LOGAN COUNTY—L. H. SULLIVAN, Observer, Beason. Highest temperature, 83° , on the 24th; lowest, 36° , on the 14th. The mean temperature of the month, 56.8 . The precipitation, 8.16 inches, falling on thirteen days, viz: 1st, 3d, 4th, 7th, 8th, 11th, 15th, 17th, 18th, 24th, 25th, 27th and 28th. Prevailing direction of the wind, S.E. There were 14 clear, 11 fair and 6 cloudy days. Solar halos on the 2d and 29th. Thunderstorms on the 3d, 7th, 11th, 15th, 18th, 24th and 27th.

MADISON COUNTY—J. L. R. WADSWORTH, Observer, Collinsville. Highest temperature, 88° , on the 27th; lowest, 38° , on the 14th; range, 50° ; greatest daily range, $27^{\circ}.5$, on the 5th and 6th; least, $5^{\circ}.5$, on the 24th; mean daily range, $18^{\circ}.1$; mean maximum temperature, $70^{\circ}.5$; mean minimum, $52^{\circ}.3$. The mean temperature of the month, $61^{\circ}.4$, was $2^{\circ}.8$ below the normal for the past nine Mays. The precipitation, 5.68 inches, was 1.79 inches below the normal for the past six Mays, falling on eleven days, viz: 3d, 7th, 8th, 10th, 11th, 15th, 16th, 17th, 22d, 26th and 27th. Prevailing direction of the wind, S.E. There were 10 clear, 18 fair and 3 cloudy days. Thunderstorms on the 3d, 22d, 23d, 27th and 28th. Rainfall on the 23d was 1.70 inches in twelve minutes, and flooded everything unprotected.

MARION COUNTY—J. L. HALLAM, Observer, Centralia. Highest temperature, 92° , on the 11th and 26th; lowest, 30° , on the 14th; range, 62° ; greatest daily range, 34° , on the 14th; least, 6° , on the 18th, mean daily range $20^{\circ}.0$; mean maximum temperature, 75° ; mean minimum, 55° . The mean temperature of the month was 60° . The precipitation was 3.62 inches, falling on seven days, viz: 3d, 7th, 13th, 15, 17th, 18th and 24th. Prevailing direction of the wind, S.E.; total movement, 25 miles. There were 13 clear, 6 fair and 12 cloudy days. Thunderstorms on the 24th and 27th. Light frost on the 14th and 15th.

MARSHALL COUNTY—Rev. A. C. PRICE, Observer, Lacon. Highest barometer, 29.90, on the 20th; lowest, 29.07, on the 28th; mean, 29.517; range, .83. Highest temperature, 86° , on the 27th; lowest, 40° , on the 12th; range, 46° ; greatest daily range, 30° , on the 5th; least 3° , on the 7th. The mean temperature of the month, $59^{\circ}.2$. The precipitation, 7.52 inches, falling on thirteen days, viz: 2d, 3d, 4th, 7th, 8th, 11th, 15th, 17th, 18th, 24th, 25th, 27th and 28th. Prevailing direction of the wind, S.E. There were 14 clear, 4 fair and 13 cloudy days. Total snowfall, .12 of an inch, of which none remained on the ground at the end of the month. Thunderstorms on the 3d, 8th, 11th, 18th, 24th, 27th and 28th. Ice formed on the 13th, 14th and 19th. Frost on the 13th, 14th, 19th and 20th. Hail on the 3d and 27th. Sleet on the 2d,

MCHEMRY COUNTY—JOHN W. JAMES, Observer, Riley. Highest temperature, $77^{\circ}.8$, on the 22d; lowest, $30^{\circ}.8$, on the 1st; range, 47° ; greatest daily range, $33^{\circ}.1$, on the 3d and 4th; least daily, $1^{\circ}.3$, on the 7th. The mean temperature of the month, $51^{\circ}.7$, was $5^{\circ}.9$ below the normal for the past twenty-seven years. The precipitation, 4.48 inches, was 1.22 inches above the normal for the past twenty-seven years, falling on fifteen days, viz: 3d, 6th, 7th, 8th, 9th, 10th, 11th, 15th, 17th, 18th, 24th, 25th, 27th, 28th and 30th. Prevailing direction of the wind, N.W. & S.W. There were 4 clear, 12 fair and 13 cloudy days. Solar halos on the 3d, 10th, 25th and 26th. Thunderstorms on the 3d, 24th, 27th and 28th. In twenty-seven years only May, 1867, was colder, and except in Mays, 1867, 1878 and 1882, the temperature has always before reached a higher point. Mean temperature from 1st to 19th, $46^{\circ}.9$; 20th to 31st, $59^{\circ}.4$, or $12^{\circ}.5$ higher. Up to the 20th this was the coldest May I have ever recorded, and only Mays, 1869, 1873, 1879 and 1883, were wetter. The mean temperature of the spring of 1888, $40^{\circ}.5$, was $3^{\circ}.4$ below the normal for twenty-seven years past, and the total precipitation, 8.98 inches, was 0.51 of an inch above the normal for twenty-seven years past. Only the spring of 1867 was colder. Winds for the spring, N. 35; N.E. 27; E. 43; S.E. 20; S. 21; S.W. 42; W. 21; N.W. 59; Calm 8.

MERCER COUNTY—TYLER MCWHORTER, Observer, Aledo. Highest temperature, 83° , on the 22d and 27th; lowest 29° on the 13th; range, 54° . The precipitation was 4.64 inches, falling on 14 days, viz: 4, 2, 3, 6, 7, 8, 11, 15, 17, 18, 25, 27, 28 and 31. Prevailing direction of the wind, S. W. There were 6 clear, 9 fair, and 16 cloudy days. The rainfall here, on the morning of the 28th, was only 0.42 inches, while on west portions of the county the fall was excessively heavy.

MORGAN COUNTY—P. J. HASENSTAB, Observer, Institute for the Deaf, Jacksonville. Highest barometer, 30.187, on the 20th; lowest, 28.502, on the 28th; mean, 29.867; range, 0.685. Highest temperature, $84^{\circ}.3$, on the 27th; lowest, $35^{\circ}.2$, on the 14th; range, $49^{\circ}.1$; greatest daily range, $27^{\circ}.5$, on the 5th; least daily, $3^{\circ}.9$, on the 8th; mean daily range, $17^{\circ}.2$; mean maximum temperature, $68^{\circ}.2$; mean minimum, $51^{\circ}.0$. The mean temperature of the month, $60^{\circ}.2$, was $7^{\circ}.5$ less than the mean of last year. The precipitation, 5.543 inches, was 2.578 inches more than the mean of last year, falling on nine days, viz: 3d, 7th, 11th, 15th, 17th, 18th, 24th, 27th and 28th. Mean relative humidity, 78 per cent. Prevailing direction of the wind, S.E.; total movement, 5,778 miles; maximum velocity, 24 miles from the S.W., on the 8th and 11th. There were 10 clear, 9 fair and 12 cloudy days. Solar halos on the 6th, 21st and 29th. Thunderstorms on the 3d, 7th and 26th. Beautiful paraseline on the 22d.

OGLE COUNTY—WM. FEARY, Observer, Mt. Morris. Highest temperature, 80° , on the 25th and 27th; lowest, 36° , on the 3d; range, 44° ; greatest daily range, 30° , on the 3d; least daily, 4° , on the 28th; mean daily range, $17^{\circ}.8$; mean maximum temperature, 65° ; mean minimum, $47^{\circ}.2$. The mean temperature of the month was $56^{\circ}.1$. Rain fell on fourteen days, viz: 3d, 7th, 8th, 9th, 10th, 11th, 15th, 17th, 18th, 24th, 25th, 27th, 28th and 30th. Prevailing direction of the wind, W. & S.W.; maximum velocity, strong from

the W., on the 28th. There were 9 clear, 6 fair and 16 cloudy days. Solar halos on the 5th and 10th. Thunderstorms on the 10th, 11th, 27th, 28th and 30th. Fog on the 16th. Frosts on the 13th, 14th, 16th and 19th.

PEORIA COUNTY—DR. FRED BRENDL, Observer, Peoria. Highest barometer, 29.823, on the 20th; lowest, 29.132, on the 27th; mean, 29.502; range, 0.691. Highest temperature, 84°, on the 27th; lowest, 35°, on the 14th; range, 49°; greatest daily range, 30° 5, on the 21st; least daily, 7°, on the 18th; mean daily range, 18° 5; mean maximum temperature, 70°; mean minimum, 51° 5. The mean temperature of the month, 61° 5, was 2° 5 below the normal for the past thirty-two years. The precipitation, 6.72 inches, was 2.92 inches above the normal for the past thirty-two years, falling on ten days, viz: 2d, 3d, 7th, 8th, 11th, 15th, 18th, 24th, 27th and 28th. Prevailing direction of the wind, E. There were 10 clear, 13 fair and 8 cloudy days. Thunderstorms on the 3d, 7th, 11th, 24th, 26th and 27th. Hail on the 27th, not many but very large, one-half an inch in diameter. The highest temperature in thirty-two years was 98° 5 in 1860, and the lowest 30° in 1867. The greatest rainfall in same time was 10.64 inches in 1858, and the least 0.93 in 1879.

PIATT COUNTY—J. W. C. GRAY, Observer, Atwood. Highest temperature, 80°, on the 3d; lowest, 32°, on the 13th; range, 46°; greatest daily range, 21°, on the 5th; least, 0°, on the 18th; mean maximum temperature, 57°; mean minimum, 49°. The precipitation was 7.18 inches, falling on eight days, viz: 3d, 8th, 12th, 15th, 17th, 18th, 25th and 27th. There were 14 clear, 3 fair and 14 cloudy days. Solar halos on the 3d, 21st, 23d, 29th, 30th and 31st; lunar on the 29th. Frost and ice on the 13th, and on the 15th froze the potato tips and some other vegetables. The month was a cold and backward one, closing with heavy cold north rains. The prevailing direction of the wind was from an easterly direction. The 18th was a peculiar day, the mercury standing at 54° all day.

PIKE COUNTY—C. H. OAKFORD, Observer, Griggsville. Highest temperature, 88.0°, on the 27th; lowest, 32°.0, on the 14th; range, 56°.0; greatest daily range, 30°.0, on the 14th; least, 2°, on the 17th; mean daily range, 20°.6; mean maximum temperature, 71°.2; mean minimum, 50°.6. The mean temperature of the month was 61°.0. The precipitation, 7.85 inches, falling on eleven days, viz: 3d, 7th, 8th, 9th, 11th, 14th, 17th, 18th, 23d, 27th and 29th. Prevailing direction of the wind, S.E. & N.W. There were 13 clear, 8 fair and 10 cloudy days. Thunderstorms on the 3d, 6th, 7th, 15th, 17th, 24th, 26th and 27th. Frost on the 13th, 14th and 19th.

POPE COUNTY—J. E. Y. HANNA, Observer, Golconda. Highest temperature, 86°, on the 11th and 27th; lowest 44° on the 2d; range 42°; greatest daily range 32° on the 3d; least daily, 4° on the 15th; mean daily, 14.5°; mean temperature of the month, 65 7, was 3° below the normal for the past ten years. The precipitation, 2.99 inches, was 1.68 inches below the normal for the past ten years, falling on eleven days, viz: 3d, 4th, 7th, 8th, 11th, 13th, 15th, 17th, 18th, 24th and 28th. There were 11 clear, 14 fair and 6 cloudy days. Thunderstorms on the 15th, 24th, 27th and 28th. Frost on the 14th and 15th. Hail on

the 15th. First fire flies on the 6th. Wheat heading on the 13th.

PUTNAM COUNTY—A. T. PURVIANCE, Observer, Hennepin. Highest temperature, 89°, on the 28th; lowest, 29°, on the 13th; range, 60°; greatest daily range, 45°, on the 13th; least daily, 7°, on the 8th; mean daily range, 27°; mean maximum temperature, 69°.7; mean minimum, 42°.7. The mean temperature of the month was 56°.2. The precipitation was 6.87 inches, falling on twelve days, viz: 1st, 2d, 4th, 8th, 9th, 10th, 12th, 18th, 25th, 27th, 28th and 29th. Prevailing direction of the wind, S.W. There were 14 clear and 17 cloudy days.

RANDOLPH COUNTY—W. J. S. CATHCART, Observer, Jordan's Grove. Highest temperature, 90°, on the 11th; lowest, 38°, on the 14th and 15th; range, 52°; greatest daily range, 35°, on the 5th; least daily, 9°, on the 18th; mean daily range, 20°.7; mean maximum temperature, 74°.8; mean minimum, 54°. The mean temperature of the month, 64°.5, was 5°.6 below that of May, 1887. The precipitation, 2.79 inches, was 1.70 inches below that of May, 1887, falling on ten days, viz: 3d, 7th, 10th, 11th, 13th, 15th, 17th, 18th, 24th and 27th. Prevailing direction of the wind, S.W. & N.W.; maximum velocity, high, from the S.W., on the 27th. There were 8 clear, 14 fair and 9 cloudy days. Thunderstorms on the 1st, 7th, 15th and 24th. Distant thunder on the 23d and 28th. Red sunrise on the 7th and 29th. The first fire flies or lightning bugs seen on the evening of the 4th. Rainbow on the evening of the 9th. Light frost on the 14th and 15th; ice formed both mornings in shallow troughs in low places 1-16 of an inch thick; vegetation was not injured. There was a brilliant meteor in the S.W. a little after 9 p. m. of the 19th, it started about 45° above the horizon and seemed to fall perpendicular.

RICHLAND COUNTY—CHAS. FAHS, Observer, Olney. Highest temperature, 87°, on the 11th and 27th; lowest, 42°, on the 14th; range, 45°; greatest daily range, 28°, on the 6th; least, 3°, on the 17th; mean daily range 16°. The mean temperature of the month was 63°. The precipitation was 2.61 inches, falling on seven days, viz: 3d, 11th, 15th, 17th, 23d, 27th and 28th. There were 10 clear, 4 fair and 16 cloudy days. Thunderstorms on the 7th, 17th 23d and 27th. White frosts on the 5th and 15th.

ROCK ISLAND COUNTY—J. M. Fitzgerald, Observer, Davenport. Highest barometer, 30.240, on the 20th; lowest, 29.500, on the 3d; mean, 29.902; range, .74. Highest temperature, 80°.5 on the 27th; lowest, 32°, on the 13th; range, 48°.5; greatest daily range, 34°.2, on the 21st; least, 6°, on the 15th; mean daily range, 18°.1; mean maximum temperature, 64°.6; mean minimum, 46°.5. The mean temperature of the month, 55°.2, was 6°.5 below the normal for the past 16 years. The precipitation, 8.23 inches, was 5.14 inches above the normal for the past 16 years, falling on twenty days, viz: 1st, 2d, 3d, 4th, 7th, 8th, 9th, 10th, 11th, 15th, 17th, 18th, 23d, 24th, 25th, 26th, 27th, 27th, 30th and 31st. Mean relative humidity, 71.7 per cent. Prevailing direction of the wind, E., total movement, 6634 miles; maximum velocity, 60 miles from the S.E., on the 4th. There were 8 clear, 14 fair and 9 cloudy days. Frost on the 5th, 13th, 14th, 15th, 16th and 19th.

SANGAMON COUNTY—JOHN CRAIG, Observer, Signal Corps, Springfield. Highest barometer, 30.270, on the 20th; lowest, 29.560, on the 28th; mean, 29.929; range, 0.690. Highest temperature, 85° 2, on the 27th; lowest, 34° 6, on the 14th; range, 50° 6; greatest daily range, 28° 9, on the 5th; least daily, 5° 5, on the 18th; mean daily range, 20° 0; mean maximum temperature, 69° 1; mean minimum, 49° 0. The mean temperature of the month, 58° 8, was 5° 3 below the normal for the past eight years. The precipitation, 8.61 inches, was 3.88 inches above the normal for the past eight years, falling on fourteen days, viz: 3d, 4th, 7th, 8th, 11th, 15th, 16th, 17th, 18th, 24th, 25th, 27th, 28th and 29th. Mean relative humidity, 69.9 per cent. Prevailing direction of the wind S.E.; total movement, 5,158 miles; maximum velocity, 30 miles from the S.W., on the 27th. There were 8 clear, 13 fair and 10 cloudy days. Solar halos on the 23d and 26th; lunar halos on the 22d. Thunderstorms on the 3d, 4th, 7th, 11th, 15th, 18th, 22d, 24th, 25th, 26th, 27th and 28th.

SHELBY COUNTY—A. H. HATCH, Observer, Windsor. Highest barometer, 30.260, on the 6th; lowest, 29.566, on the 28th; mean, 29.953; range, 0.694. Highest temperature, 85° on the 27th; lowest, 36°, on the 14th; range, 49°; greatest daily range, 35°, on the 5th; least daily, 7°, on the 1st; mean daily range, 20° 1; mean maximum temperature, 68° 9; mean minimum, 48° 8. The mean temperature of the month, 68° 9; mean minimum, 48° 8. The mean temperature of the month, 60° 1, was 4° 7 below the normal for the past four years. The precipitation, 5.34 inches, was 0.90 of an inch above the normal for the past four years, falling on fourteen days, viz: 4th, 7th, 8th, 10th, 11th, 12th, 15th, 16th, 17th, 18th, 24th, 25th, 27th and 28th. Mean relative humidity, 78 per cent. Prevailing direction of the wind, S.E.; total movement, 6,432 miles; maximum velocity, 25 miles from the N.W., on the 12th. There were 6 clear, 15 fair and 10 cloudy days. Thunderstorms on the 3d, 4th, 7th, 18th, 24th, 27th and 28th. The frosts of the 1st, 14th and 19th done some damage to fruit. Chinch-bugs were drowned out on the 27th in this part of the county. Wheat looks fairly well in the west part of the county, but none in the east. The hail storm of the 27th was the most severe in years; rain began at 3:48 p.m. and ended at 5:05; amount of rainfall 1.48 inches. Hail began at 4:25 and ended at 4:38, and the ground was covered, the size was from marbles to that of a hens egg; great damage done to fruit and trees. The wind did not blow over six miles, or all windows with west exposure would have been broken.

ST. CLAIR COUNTY—DR. G. LEIBROCK, Observer, Mascoutah. Highest temperature, 86°, on the 28th; lowest, 32°, on the 14th; range, 54°. The precipitation, 4.80 inches, falling on eleven days, viz: 2d, 3d, 7th, 9th, 11th, 13th, 14th, 15th, 17th, 24th and 27th.

ST. CLAIR COUNTY—V. P. CHAPPEL, Observer, Signal Corps, St. Louis, Mo. Highest barometer, 30.190, on the 20th; lowest, 29.580, on the 25th; mean, 29.914; range, 0.610. Highest temperature, 87° 5, on the 27th; lowest, 40° 0 on the 14th; range, 47° 5; greatest daily range, 27° 4, on the 2d; least daily, 8° 0, on the 18th; mean daily range, 18° 9; mean maximum temperature, 72° 6; mean minimum, 53° 7. The mean tempera-

ture of the month, 63° 1, was 3° 3 below the normal for the past seventeen years. The precipitation, 3.81 inches, was 0.24 of an inch below the normal for the past seventeen years, falling on fourteen days, viz: 1st, 2d, 3d, 4th, 7th, 8th, 11th, 15th, 17th, 18th, 23d, 24th, 27th and 28th. Mean relative humidity, 65.5 per cent. Prevailing direction of the wind, S.E.; total movement, 8,862 miles; maximum velocity, 46 miles from the S., on the 3d. There were 7 clear, 17 fair and 7 cloudy days. Frost on the 14th.

STEPHENSON COUNTY—JOHN WRIGHT, Observer, Cedarville. Highest temperature, 83°, on the 22d; lowest, 34°, on the 2d; range, 49°; greatest daily range, 20°, on the 23d; least daily, 9°, on the 15th. The mean temperature of the month, 53° 5, was below the normal for the past ten years. The precipitation was 4.75 inches, falling on sixteen days, viz: 2d, 3d, 7th, 8th, 9th, 10th, 11th, 12th, 15th, 17th, 24th, 25th, 26th, 27th, 28th and 30th. Prevailing direction of the wind, S.E. There were 11 clear, 3 fair and 17 cloudy days. Thunderstorms on the 3d, 10th, 11th and 30th. Frost on the morning of the 14th and 15th and a little snow on the 12th. Cyclone, southeast of freeport, on the afternoon of the 10th, destroyed several buildings, a large barn, brewery and some other buildings. It has been a cool month, more so than usual.

TAZEWELL COUNTY—REV. J. E. TERBORG, Observer, Pekin. Highest barometer, 30.483, on the 20th; lowest, 29.502, on the 4th; mean, 30.050; range, 0.981. Highest temperature, 88°, on the 23d; lowest, 33°, on the 13th; range, 55°; greatest daily range, 43°, on the 21st; least daily, 8°, on the 25th; mean daily range, 23° 9; mean maximum temperature, 71° 4; mean minimum, 47° 5. The mean temperature of the month, 60° 72, was 4° 95 below the normal for the past three years. The precipitation, 7.81 inches, was 3.82 inches above the normal for the past six years falling on eleven days, viz: 3d, 7th, 8th, 11th, 15th, 17th, 18th, 24th, 25th, 27th and 28th. Mean relative humidity, 84.8 per cent. Prevailing direction of the wind, S.E.; maximum velocity, 40 miles from the S.W., on the 27th. There were 12 clear, 7 fair and 12 cloudy days. Frost on the 13th and 14th. Lunar halo on the 22d. Thunderstorms on the 3d, 7th, 11th, 24th, 26th and 28th. Thunder without lightning on the 8th. Lightning without thunder on the 7th, 10th, 23d and 30th. Severe storm with rain and hail on the 27th. Limbs of trees broken, some houses unroofed and fences broken down—no other damage. Illinois river rising rapidly. Wind turned around the compass within twelve hours. Clouds coming from nearly all directions. Mean dewpoint, 56°. Average sun-heat, 92°. Sunshine, 48 per cent. Winds followed by clear or fair weather, N.W., N.E. and S.E. Winds followed by rain, N.W., N.E., S.E. and S.W. Predictions verified 98 per cent.

VERMILLION COUNTY—MISS CARRIE J. TREGO, Observer, Hoopeston. Highest barometer, 29.54, on the 20th; lowest, 28.82, on the 28th; mean, 29.232; range, 7. Highest temperature, 83°, on the 26th and 27th; lowest 30°, on the 1st; range, 53°; greatest daily range, 34°, on the 3d and 5th; least, 8°, on the 9th; mean daily range, 12°; mean maximum temperature, 67°; mean minimum, 45°. The mean temperature of the month, 56° 8. The precipitation, 8.10 inches, falling on thirteen

days, viz: 1st, 3d, 7th, 8th, 10th, 11th, 13th, 15th, 17th, 18th, 24th, 25th and 27th. Prevailing direction of the wind, S.E. There were 4 clear, 16 fair and 11 cloudy days. A little snow fell on the 13th.

WASHINGTON COUNTY—A. G. TUCKER, Observer, Richview. Highest barometer, 30.152, on the 19th; lowest, 29.536, on the 27th; mean, 29.82; range, .616. Highest temperature, 83° 7, on the 27th; lowest, 34°, on the 14th, range, 49° 7; greatest daily range, 29° 6, on the 6th; least, .59, on the 1st; mean daily range, 18° 8; mean maximum temperature, 70° 9; mean minimum, 52° 1. The mean temperature of the month, 61° 9, was 4° below the normal for the past three years. The precipitation, 3.24 inches, was .34 inch below the normal for the past three years falling on nine days, viz: 2d, 3d, 7th, 11th, 15th, 17th, 18th, 23d and 24th. Mean relative humidity, 73.9 per cent. Prevailing direction of the wind, S.E. maximum velocity, 20 miles from the S.W., on the 3d. There were 8 clear, 17 fair and 6 cloudy days. Solar halos on the 28th, 29th, 30th and 31st. Thunderstorms on the 3d, 15th and 23d. Frost on the 14th and 15th did little injury to vegetation.

WAYNE COUNTY—JACOB HALL, Observer, Fairfield. Highest temperature, 88°, on the 11th; lowest, 32°, on the 15th; range, 56°; greatest daily range, 28°, on the 15th; least, 3°, on the 4th. The mean temperature of the month, 65° 2, was .2 below the normal for the past 6 Mays. The precipitation, 2.18 inches, was 1.40 inch below the normal for the past 6 Mays, falling on six days, viz: 7th, 11th, 17th,

18th, 24th and 28th. There were 13 clear, 6 fair and 12 cloudy days. The prospect for vegetable growth is much improved. Small fruits promise an average crop. Apples short crop.

WILL COUNTY—MISS ANNA B. NASH, Observer, Joliet. Highest temperature, 86.0°, on the 21st; lowest, 31°, on the 1st; range, 55° 3; greatest daily range, 40° 0, on the 10th; least daily, 3° 0 on the 4th; mean daily, 19° 0; mean maximum temperature, 67° 4; mean minimum, 48° 4. The precipitation was 8.50 inches, falling on twelve days, viz: 3d, 7th, 8th, 11th, 16th, 23d, 24th, 26th, 27th, 28th, 31st and 31st. There were 9 clear, 12 fair and 10 cloudy days.

WINNEBAGO COUNTY—FRANK OSBORN, Observer, Winnebago. Highest temperature, 88°, on the 27th; lowest, 28°, on the 12th; range, 60°. The mean temperature of the month was 56° 3. The precipitation was 5.69 inches, falling on fifteen days, viz: 1st, 3d, 4th, 7th, 8th, 9th, 11th, 15th, 17th, 18th, 23d, 24th, 25th, 27th, 28th and 30th. Prevailing direction of the wind, W. There were 6 clear, 10 fair and 15 cloudy days. Aurora on the 20th. Thunderstorms on the 3d, 10th, 11th, 24th, 27th, 28th and 30th. Frost on the 12th and 13th. On the 10th a cyclone passed through the eastern part of Stephenson county and the western part of Winnebago county, destroying one large house and barn, many fruit and shade trees, unroofed several small buildings and injured several people, but none fatally.

SCHOOL REPORTS.

The complete May Reports received are as follows:

COOK COUNTY, H. B. ALLEN, Observer, Wheeling. Highest barometer, 30.550, on the 20th; lowest, 29.800, on the 28th; range, 0.750. Highest temperature, 82°.0, on the 27th; lowest, 32°.0, on the 2d and 16th; range, 50°.0; greatest daily range, 32°.0, on the 11th; least, 8°.0, on the 7th; mean daily range, 18°.6; mean maximum temperature, 63°.0; mean minimum, 44°.4. The mean temperature of the month was 52°.8. The precipitation was 5.18 inches, falling on fifteen days, viz: 3d, 4th, 8th, 9th, 10th, 11th, 15th, 17th, 18th, 24th, 25th, 26th, 27th, 28th and 31st. Prevailing direction of the wind, N.E. There were 5 clear, 9 fair and 17 cloudy days. Lunar halo on the 19th. Thunderstorms on the 3d, 7th, 8th, 10th, 24th and 27th. On the 27th a terrible gale, accompanied by thunder and lightning, rain and hail blew from the west at 6 p.m., doing some damage, overturning small buildings and in some cases demolishing them, unroofing barns and breaking down small trees. The past month has been a propitious one for grass and small grain in this vicinity. The prospect for an abundant yield was never better.

FORD COUNTY, JNO. LOWRY, Observer, Gibson City. Highest temperature, 84°.0, on the 27th; lowest, 36°.0, on the 1st; range, 48°.0. The mean temperature of the month was 57°.6. The precipitation was 7.12 inches, falling on eight days, viz: 1st, 3d, 7th, 8th, 15th, 17th, 22d and 24th. Prevailing direction of the wind, S.E. There were 9 clear, 11 fair and 11 cloudy days. Lunar halo on the 28d. Hail on the 27th.

JO DAVIESS COUNTY, HERST C. GANN, WILL SPOFFORD, MARY LONG and NELLIE BALDWIN, Warren High School, Observers. Highest barometer, 30.000, on the 6th and 20th; lowest, 29.400, on the 5th and 28th; mean, 29.320; range, 0.600. Highest temperature, 82°, on the 25th; lowest, 30°, on the 13th; range, 52°; greatest daily range, 30°, on the 16th and 25th; least, 5°, on the 7th; mean daily range, 20°; mean maximum temperature, 12°.4; mean minimum, 42°.4. The mean temperature of the month was 53°.4. The precipitation was 5.39 inches, falling on fourteen days, viz: 1st, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 13th, 16th, 17th, 25th, 28th and 30th. There were 5 clear, 10 fair and 16 cloudy days. Lunar halo on the 22d. Thunderstorms on the 4th, 9th and 15th. Grass and small grain are in excellent condition. Corn a little backward, but there is a good stand. Ground is in fine condition. Small fruit and apples promise an abundant yield. The frosts on the 6th, 7th and 19th did but little damage.

LIVINGSTON COUNTY, CHAS. MCWILLIAMS and GEORGE SIMMONS, Observers. Dwight. Highest temperature, 86°, on the 27th; lowest, 33°.5, on the 13th; greatest daily range, 40°.8, on the 3d and 5th; mean maximum temperature, 69°.6; mean minimum, 44°.6; average daily range, 25°. Rain fell on the 4th, 7th, 8th, 11th, 15th, 18th, 23d, 24th, 27th and 28th. Total precipitation, 4.46 inches. There have been 7 clear, 11 fair and 13 cloudy days. On the 4th at 2 p.m. the wind began to blow, and kept increasing in force until 8 p.m. when

it blew a gale. A peculiar orange-colored cloud was noticed passing from West to East. On the 11th a waterspout was formed eleven miles southwest of Dwight. It was apparently about 50 feet high and at the top and bottom about 10-12 feet in diameter, gradually tapering to the center to about 3-5 feet. Frosts on the 18th and 19th, doing no harm. Thunder and lightning on the 4th, 8th, 11th, 15th, 17th, 24d, 27th and 28th, and lightning in N.W. eve of 30th.

SCOTT COUNTY, EDGAR BURR, Observer, Winchester. Highest temperature, $86^{\circ}.0$, on the 27th; lowest, $36^{\circ}.0$, on the 14th; range, $50^{\circ}.0$; greatest daily range, 40° , on the 12th; least, $7^{\circ}.0$, on the 17th; mean daily range, $23^{\circ}.0$; mean maximum temperature, $73^{\circ}.2$; mean minimum, $49^{\circ}.4$. The mean temperature of the month was $59^{\circ}.7$. The precipitation was 8.35 inches, falling on seven days, viz: 7th, 15th, 17th, 24th, 26th, 27th and 28th. Prevailing direction of the wind, S.E. There were 10 clear, 12 fair and 9 cloudy days. Frosts on the 14th and 15th.

TAZEWELL COUNTY, C. L. FARRINGTON, Observer, Brush Hill. Highest temperature, $+89^{\circ}$, on the 27th; lowest, $+41^{\circ}$, on the 12th; range, 48° ; greatest daily range, 27° , on the 25th; least, 4° , on the 17th. The mean temperature of the month, $59^{\circ}.7$, was $23^{\circ}.5$ above the normal for the past three months. The precipitation was 8.86 inches, falling on fifteen days, viz: 1st, 2d, 3d, 7th, 8th, 9th, 11th, 15th, 17th, 18th, 24th, 25th, 26th, 27th and 28th. Prevailing direction of the wind, S.E. There were 13 clear, 5 fair and 13 cloudy days. Lunar halo on the 22d. Thunderstorms on the 3d, 7th, 11th, 23th, 26th, 27th and 28th. Frosts on the 4th, 13th, 14th, 15th and 19th. Cyclone on the 3d, destroying fences and sheds. Hail on the 24th, 27th and 28th.

ST. CLAIR COUNTY, AUG. GIERSCHNER, Observer, New Athens. Highest temperature, 90° , on the 26th; lowest, 45° , on the 2d; mean, $64^{\circ}.75$. Rain fell on the 7th, 9th, 10th, 11th, 13th, 15th, 17th, 24th, 27th and 28th. Total precipitation, 2.53 inches. Frost on the 14th. Thunder on the 7th, 8th, 15th, 17th, 23d and 24th. Prevailing direction of the wind, W. & S.W. Lunar halos on the 18th and 21st. There were 2 clear, 17 fair and 12 cloudy days. Wheat turns out more and more to be a failure in this section. Oats, of which very much was sown this spring, stands tolerably fair, is beginning to shoot ripe now, but is very low on account of insufficient rain. Corn, of which also more than commonly has been planted, is very small yet, cool weather and too little rain retarded its growth. Orchard fruits and garden vegetables stand well, potatoes also, new ones grown here are already brought to market. The light frost on the 14th did but little damage to Irish and early set out sweet potatoes. Timothy is low and thin and the crop will be small. Cut worms did in many places great damage to different vegetables and sweet potatoes especially; and the army worms and chinch-bugs are threatening to ruin timothy and corn. Taking this all in consideration the outlook for farmers is not very bright.

WHITESIDE COUNTY, Girls of '89 Second Ward High School, Observers, Sterling. Highest temperature, 80° , on the 28th; lowest, 26° , on the 7th and 13th; range, 54° ; greatest daily range, 47° , on the 7th; least daily, 14° , on the 9th; mean daily range, $24^{\circ}.2$; mean maximum temperature, $65^{\circ}.4$, mean minimum, $41^{\circ}.2$. The mean temperature of the month was $55^{\circ}.8$. The precipitation was 5.96 inches, falling on thirteen days, viz: 2d, 3d, 8th, 9th, 10th, 11th, 15th, 17th, 24th, 26th, 27th, 28th and 30th. Prevailing direction of the wind, S.E. There were 5 clear, 11 fair and 15 cloudy days.

PERRY COUNTY, CHAS. ZEGLER, Observer, Old DuQuoin. Highest temperature, 93° , on the 27th; lowest, 37° , on the 14th; range, 56° ; greatest daily range, 37° , on the 5th; least daily, 6° , on the 18th; mean daily range, $22^{\circ}.2$; mean maximum temperature, $76^{\circ}.3$; mean minimum, $54^{\circ}.1$. The mean temperature of the month was $65^{\circ}.2$. The precipitation was 3.70 inches, falling on eleven days. There were 9 clear, 12 fair and 10 cloudy days. Thunderstorms on the 7th, 15th, 19th, 23d, 24th, 27th and 28th. Frost on the 14th.

SOUTHERN DIVISION

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METEOROLOGICAL REPORT.

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COMPARATIVE MEAN TEMPERATURE AND PRECIPITATION FOR MAY, 1888.

STATIONS.		MEAN TEMPERATURE, Deg. Fahrenheit.				PRECIPITATION, Inches and hundredths.			
		Normal.	No. of years.	May, 1888.	Departure or +.	Normal.	No. of years.	May, 1888.	Departure or +.
NORTHERN DIVISION.									
<i>County.</i>	<i>Place.</i>								
Lake	Lake Forest.....	56.6	3	52.1	-4.5	3.45	3	4.29	+0.84
McHenry.....	Riley.....	57.6	27	51.7	-5.9	3.26	27	4.48	+1.22
Stephenson.....	Cedarville.....	59.6	3	53.5	-6.1	2.87	3	4.75	+1.88
Cook.....	Chicago.....	56.8	17	56.6	-0.2	3.50	17	6.22	-2.72
Kane.....	Aurora.....	60.3	9	54.2	-6.1	4.44	9	5.16	-0.72
DeKalb.....	Sycamore.....	57.9	8	52.9	-5.0	3.92	8	5.50	-1.58
Kendall.....	Oswego.....	56.0	8	54.0	-2.0	5.44	8	4.67	-0.77
Rock Island.....	Davenport, Ia.....	61.7	16	55.2	-6.5	4.09	16	9.23	-5.14
Peoria.....	Peoria.....	64.0	32	61.5	-2.5	3.80	32	6.72	-2.92
Iroquois.....	Watseka.....	59.7	3	57.2	-2.5	4.09	3	4.96	-0.87
Knox.....	Oneida.....	64.1	3	58.0	-6.1	4.77	3	7.90	-3.13
Lee.....	Prairieville.....	58.1	16	56.1	-2.0	4.47	8	7.09	-2.61
CENTRAL DIVISION.									
Tazewell.....	Pekin.....	65.6	3	60.7	-4.9	3.99	6	7.81	+3.82
Hancock.....	Keokuk, Iowa.....	63.5	16	58.0	-5.5	4.00	16	5.06	-1.06
Champaign.....	Philo.....	61.9	3	58.7	-3.2	5.01	3	6.68	-1.67
Sangamon.....	Springfield.....	64.1	8	58.8	-5.3	4.73	8	8.61	-3.88
Coles.....	Mattoon.....	62.9	8	60.0	-2.9	5.06	8	5.90	-0.84
Christian.....	Pana.....	63.8	3	55.5	-8.3	4.79	5	6.08	-1.29
Shelby.....	Windsor.....	64.8	4	60.1	-4.7	4.44	4	5.34	-0.90
Greene.....	White Hall.....	67.0	3	63.2	-4.8	4.39	3	5.48	-1.09
SOUTHERN DIVISION.									
Bond.....	Greenville.....	64.2	9	60.9	-3.3	5.74	5	5.00	-0.74
Madison.....	Collinsville.....	64.2	9	61.4	-2.8	3.89	6	5.68	+1.79
Lawrence.....	Sumner.....	69.4	2	64.8	-4.6	3.45	2	2.70	-0.75
Clay.....	Flora.....	63.0	3	59.0	-4.0	2.69	3	3.32	+0.63
Clinton.....	Irishtown.....	68.0	3	63.0	-5.0	3.36	4	3.95	+0.59
St. Clair.....	St. Louis, Mo.....	66.4	17	63.1	-3.3	4.05	17	3.81	-0.24
Washington.....	Richview.....	65.9	3	61.9	-4.0	3.58	3	3.24	-0.34
Hamilton.....	McLeansboro.....	64.1	6	63.4	-0.7	4.17	6	2.79	-1.38
Pope.....	Golconda.....	68.7	10	65.7	-3.0	4.67	10	2.99	-1.68
Alexander.....	Cairo.....	68.0	16	56.6	-3.4	3.95	16	3.58	-0.37
Wayne.....	Fairfield.....	65.4	6	65.2	-0.2	3.58	6	2.18	-1.40

**Daily and Monthly Precipitation, in inches and hundredths, reported to the Illinois Department of Agriculture by
Voluntary and Signal Service Observers for the month of May, 1888.**

STATIONS.		MAY, 1888.																															Total		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHERN DIVISION.																																			
County.	Place.																																		
JoDavies...	Warren																																5.39		
Stephenson	Cedarville																																4.75		
Winnebago	Winnebago	.04	.08	.17				1.58	.54	.07		.20				.05	.25	.10								?	.48		.95	.02		.56		5.69	
Winnebago	Rockford																																6.72		
Ogle	Polo																																		
Lake	Lake Forest	.11	.13	.06				.30	.75	T	.20	.33			.55		.05																35.4.29		
McHenry	Woodstock																																		
McHenry	Riley	T	.18	T	T			.17	.56	.25	.22	.36	T			.09			.34														4.48		
Roone	Belvidere							1.00	.05	.05			?	.96			?																5.39		
Carroll	Lanark	.04	.05					2.02	.07	.21	T	.62				.11																	6.46		
DeKalb	Sycamore	T	.26					.75	.81	.14	.07	.50			.05		.10	.52	.08								.39	.23		.53	.80		5.50		
Ogle	Mt. Morris																																		
Cook	Chicago	.03	T	.14	.04			.84	1.02		.04	.71	.02			T	.03	.05	.38				T										22.6.22		
Lee	Prairieville	.15	.45					1.56	T	.15	.12	.25	.50				.12	.50	T								1.00		.65	.15	.18	.46		7.08	
Cook	Wheeling																																		
Kane	Aurora							T	.15	.12	.15	.12					.15	.02	.58								.08	.15	.13	.87	.84		28.5.18		
Whiteside	Stirling	.07	.04					.65	.38		.14	.48					.01	.42	.17								.30	.61		.45			39.5.16		
Kendall	Oswego	.05	.20	.20				1.20	.03	.24	.39						.15										.83			?	2.30		.39		5.96
Will.	Joliet											.28						.35															?	27.4.67	
Rock Island	Davenport	.12	.70	.95	.14			1.61	.18	.11	.26	.46					.13	.48	.14																
Putnam	Hennepin	.40	.20		.47				.06	.30	.01	T	.31																					02.9.23	
Grundy	Morris																																	6.87	
LaSalle	Ottawa	.26						.29	.85	.06	.12				.01		.11	T									?	1.76		.52	.87			5.39	
Bureau	Neposset																																		
McKee	Aledo	.18	.04	.64				.48	.80	.09	.62	.17					.10	.28	.07								?	.24	.98		.54			01.4.04	
Knox	Oneida	.38	.75					.07	.88	.12	.08	.27					.13	.62									.02	.75	.12	1.88	1.70			7.90	
Kankakee	Kankakee																																		
Marshall	Lacon	.52	.18	.48				.69	.36			.09					.12	.04	.24								.95	.96		1.67	.62			7.52	
Henderson	Oquawka		.25	.75				1.00										.50									.06	1.50		1.00				5.06	
Warren	Monmouth																																		
Livingston	Pontiac																																		
Livingston	Dwight																																		
Iroquois	Watseka	.02	.10					.54				.07				T		?		.65														6.46	
																											.84		1.55	1.19				4.96	

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Daily and Monthly Precipitation—Continued.

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BAROMETER FOR MAY, 1888.

STATIONS.	Mean.	Highest.	Date.	Lowest.	Date.	Range.
NORTHERN DIVISION.						
Lake Forrest.....	29.858	30.431	16	29.475	10	0.956
Chicago.....	29.900	30.300	20	29.550	27	0.750
Aurora.....	29.853	30.190	20	29.500	11	0.690
Prairieville.....	29.789	30.160	20	29.510	27	0.650
Oswego.....	30.001	30.327	20	29.699	27	0.628
Monmouth.....						
*Lacon.....	29.517	29.900	20	29.070	28	1.830
*Peoria.....	29.502	29.823	20	29.132	27	0.691
Watseka.....	29.927	30.266	20	29.559	27	0.707
Kankakee.....						
Davenport, Ia.....	29.902	30.240	20	29.500	3	0.740
Wataga.....						
*Warren.....	29.320	30.000	20	29.400	28	0.600
Rockford.....						
Mean.....	29.906					
CENTRAL DIVISION.						
Pekin.....	30.040	30.483	20	29.502	4	0.981
Keokuk, Ia.....	29.878	30.200	20	29.420	27	0.780
*Hoopeston.....	29.232	29.540	20	28.840	28	0.700
Springfield.....	29.929	30.270	20	29.560	28	0.690
Griggsville.....						
Windsor.....	29.953	30.260	6	29.566	28	0.694
Martinsville.....						
Jacksonville.....	29.867	30.187	20	29.502	28	0.685
Philo.....	29.950	30.160	20	29.650	28	0.590
Mean.....	29.936					
SOUTHERN DIVISION.						
Vandalia.....	29.860	30.080	20	29.580	28	0.500
St. Louis Mo.....	29.914	30.190	20	29.580	27	0.610
Richview.....	29.882	30.152	19	29.536	27	0.616
Cairo.....	29.935	30.160	5	29.680	28	0.480
Mean.....	29.895					
State.....	29.912					

*Not corrected for elevation.

METEOROLOGICAL REPORT.

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Monthly Summary of Meteorological Reports—Continued.

PLACE OF OBSERVATION.	Altitude above sea level— in feet.	Latitude N.	Longitude W.	TEMPERATURE.— <i>Deg. Fahr.</i>						PRECIPITATION.				NO. OF DAYS.				Prevailing direction of wind.	NAME OF OBSERVER.					
				Monthly mean.	Mean of Maximum.	Mean of Minimum.	Max.		Min.	Monthly range.	Mean daily range.	Total inches rain and melted snow.	Greatest daily.	Date.	Total snowfall.	On ground at end of month.	Clear.			Fair.	Cloudy.	On which .01 inch or more precip. fell.		
							Degree.	Date.															Degree.	Date.
Irishtown.....	38	40	89	30	63.0	...	87.0	27	45.0	14	42.0	...	3.95	0.87	18	...	10	12	9	9	Wm. Rogan.			
Centralia.....	492	38	33	89	10	60.0	75.0	55.0	82.0	26	30.1	14	62.0	3.62	1.50	17	...	13	6	12	7	J. L. Hallam.		
Mascoutah... St. Clair.....	...	38	30	89	50	86.0	26	32.0	13	54.0	...	4.80	Dr. G. Leibrock,	
Albion.....	38	24	88	6	63.1	...	...	80.0	6	39.0	15	51.0	...	3.18	1.02	17	...	14	5	12	7	B. T. Michels,
Fairfield.....	530	34	20	88	20	65.2	...	88.0	11	32.0	15	56.0	...	2.18	...	...	...	13	6	12	6	Jacob Hall.
Richview.....	589	38	20	89	10	61.9	70.9	52.1	83.7	27	34.0	14	49.7	3.24	1.15	17	...	8	17	6	9	A. G. Tucker.		
New Athens. St. Clair.....	...	38	16	89	55	64.8	...	90.0	26	45.0	2	45.0	...	2.53	0.70	7	...	2	17	12	6	W. J. S. W.		
Jordan's Grove. Randolph	...	38	14	89	48	64.5	74.8	54.0	90.0	11	38.0	14	52.0	2.79	1.25	17	...	8	14	9	10	Wm. P. Gibbs.		
McLeansboro Hamilton.....	...	38	7	90	35	63.4	76.2	54.1	92.0	27	35.0	14	57.0	2.79	0.88	17	...	5	19	7	8	John McPherson.		
Benton.....	38	2	88	56	65.0	...	...	90.0	26	46.0	14	44.0	...	1.75	0.52	18	...	10	12	9	8	Grigg & Grace.
Harrisburg... Saline.....	37	46	88	35	...	...	...	86.0	27	44.0	2	42.0	...	2.99	...	...	...	11	14	6	11	J. E. Y. Hanna.
Goleconda.....	37	25	88	25	65.7	...	...	...	...	...	...	...	...	...	...	...	...	5	16	10	13	Dr. B. C. Taber.
Mound City.....	37	7	89	11	C. L. Bozzell, S.S.Obs.	
Cairo.....	359	37	0	89	10	64.6	72.3	56.6	84.5	26	42.1	14	42.4	3.58	0.66	17	...	5	16	10	13	N. E.		
Means.....	...	...	...	...	62.8	72.8	53.1	...	...	...	...	...	...	19.7	...	...	...	11	11	9	9	S. E.
State Averages.....	...	...	...	...	59.2	69.2	49.0	...	...	...	...	...	...	20.2	...	...	...	10	10	11	11	S. E.

COMPARATIVE METEOROLOGICAL DATA FOR ILLINOIS DURING MAY.

Nature of Data.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.
Highest pressure, inches.....	30.400	30.379	30.450	30.470	30.300	30.380	30.380	30.483
Lowest " " ".....	29.350	29.514	29.360	29.450	29.510	29.493	29.421	29.420
Mean " " ".....	30.000	29.864	29.942	29.923	29.859	29.792	29.941	29.912
Range of " " ".....	1.150	0.865	1.090	1.020	0.790	0.887	0.959	1.073
Highest temperature, degrees	94.0	90.0	91.0	90.0	94.0	96.0	98.0	9.20
Lowest " " ".....	30.0	29.0	29.0	30.0	35.0	32.0	35.0	26.0
Mean " " ".....	69.2	58.0	59.0	61.6	60.7	64.8	67.7	59.2
Range of " " ".....	64.0	61.0	62.0	60.0	66.0	63.0	63.0	66.0
Greatest daily " " temp.deg.	31.5	27.5	28.6	41.0	42.0	42.0	48.0	47.0
Least " " ".....	1.5	2.5	3.2	1.0	0	1	2.0	1.3
Mean " " ".....	18.2	14.9	16.2	16.4	17.7	17.9	19.6	20.2
Mean relative humidity, per cent.	71.0	72.0	69.0	65.0	67.0	71.0	69.0	73.0
Average number of clear days....	7	6	8	9	7	14	13	10
Average number of fair days....	11	11	12	14	17	10	10	10
Average number of cloudy days....	13	14	11	8	7	7	8	11
Average number of days on which .01 inch or more precip. fell..	10	14	13	9	8	13	9	11
Greatest monthly precipitation, in.	4.50	10.92	8.55	5.30	6.38	8.15	6.50	9.23
Least monthly precipitation, in.	0.50	2.96	2.09	0.20	1.37	1.00	0.80	1.75
Average monthly precipitation, in.	2.53	6.59	5.71	4.27	2.97	4.11	3.02	5.41
Prevailing direction of wind.....	S.E.	S.E.	S.W.	N.E.&N.W.	N.W.	S.W.	S.E.	S.E.
Average snowfall, in inches.....								

MONTHLY WEATHER REVIEW

—OF THE—

ILLINOIS STATE WEATHER SERVICE,

—FOR—

JUNE, 1888.

—CONTAINING—

SUMMARY OF METEOROLOGICAL OBSERVATIONS

—MADE TO THE—

Illinois State Board of Agriculture.

CHARLES F. MILLS,
Secretary State Board of Agriculture.

JAS. CASSIDY,
Observer, Signal Corps.

SPRINGFIELD:
STATE JOURNAL PRINT.
1888.

MONTHLY WEATHER REVIEW

OF THE

ILLINOIS STATE WEATHER SERVICE

SPRINGFIELD, JUNE, 1888.

(The State covers such an extended area from north to south (385 miles) that it has been found advisable to divide the same and follow the judicial divisions, which include the following territory, viz: the Northern Division extends from 42° 30' to about 40° 31'; the Central Division extends from about 40° 31' to about 39°; the Southern Division from about 39° to 36° 51'.)

INTRODUCTORY.

The month just past, while presenting no very abnormal features, was considerably different from a normal one. There were no extremes of temperature, the mean was slightly above the average of similar months in previous years, while the rainfall was very irregular, in some instances excessive, and in others it was far below the average.

The month opened with cloudy weather and the barometer slightly above the average. From the 1st to the 8th the weather remained fine, but cooler than usual and the barometer above the average. On the afternoon of the 8th the barometer fell below the mean owing to the decrease in pressure caused by a large "Low" that passed centrally over Minnesota and Wisconsin on the 9th and 10th, attended by extensive and in some instances very heavy rains. Another "Low" passed to

the Northward of the State on the 16th and 17th and was attended by numerous rains and thunder-showers ranging over a wide extent of country. From this until the 28th the barometer was below the average, the lowest point reached on the 27th, on which day some extremely heavy local rains occurred in various parts of the State especially in the South. In some instances as much as 5 inches fell in less than 24 hours. 4.50 inches fell at St. Louis during the 24 hours ending at 7 a.m. of the 16th, and 3.34 inches at Springfield on the 21st, which was just twice the total amount that fell at Chicago during the entire month.

In the Northern tier of counties the monthly rainfall was considerably below the average, while in the Central and Southern Divisions except in a few counties it was above the average. As an instance of the unequal distribution of the rainfall it may be noticed that the monthly rainfall at Springfield was 5.50 inches, while at Peoria it was only 1.84 inches—2.04 inches below the average of the past 32 years at that station. In Chicago the total rainfall was only 1.66 inches, being 2.33 inches below the average of the past 16 years. During May the rainfall at that station was 6.22 inches, or 2.72 inches above the average. At St. Louis this order was reversed, the May rainfall being only 3.31 inches, while during June it was 8.09 inches or 3.12 inches above the average of 16 years.

The following large rainfalls have been reported; Griggsville, 9.77 inches; Winchester, 9.19; Collinsville, 8.97; Pana, 8.74; Mattoon, 8.25; Irishtown, 7.59; Jordan's Grove, 7.23; Albion, 7.35; Windsor, 8.09; Golconda, 7.00; Centralia, 6.99; Vandalia, 6.99; Richview, 6.54; Kampville, 6.53; Greenville, 6.52; while at nine other stations it was over 5 inches, all in the Central or Southern part of the State. At Riley, however, there was only a fall of 0.81 inches, which was 3.17 inches below the average of 27 years for that place. At Aurora it was only 0.98, and at several other places in the Northern Division it was nearly as small. The mean of the Northern Division was only 2.42 inches, just inches below the average of the past ten years in that Division; the mean of the Central Division was 5.75 which was 0.69 above the average, while the mean in the Southern Division was 6.32, or 1.60 inch above the average of ten years. Thus, in the whole State, the mean was 4.83 inches or .09 above the average. In May, the heavy rainfall was in the North and Central parts of the State; in June it was in the South and Central, so that the months, in a measure, balanced each other. The Central Division, however, has had heavy rains for two months in succession, and has had the deficiency of the previous months supplied, so that the total of the past six months is up to the average of preceding years.

The mean temperature of the month was almost the mean of June through the preceding ten years. The mean of the State was $71^{\circ}.3$, only $0^{\circ}.4$ above the average of the past ten years. In the Northern Division it was 69.1 , or 0.9 above the average, in the Central it was 71.3 , or $0^{\circ}.3$ above, and in the Southern it was $73^{\circ}.5$, or 0.1 below. Thus the temperature deficiency of the present year has not been increased or diminished in the State during the month. According to the Chief

Signal Officer's bulletin, issued on the 13th the deficiency then at Chicago, since January 1st, was 6.38 degrees; at Springfield, 7.13; and at Cairo, 3.62 degrees.

Thunderstorms were very numerous but not remarkably severe.

Frosts occurred on the 2d and 3d, in the northern counties, but did no damage.

ATMOSPHERIC PRESSURE.

(Inches and thousandths.)

The mean pressure of the month, as deducted from the reports when the barometer readings were reduced to sea level, was 29.918. The highest was 30.514.

TEMPERATURE.

(Degrees, Fahrenheit.)

The average temperature for June, 7.13, was 0.4 above the average for the previous ten Junes.

The following are the most marked departures from the normal temperature for June:

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	Deg.	County.	Place.	Deg.
Lawrence	Sumner	2.0	Christian	Pana	3.6
Clay	Flora	2.0	Shelby	Windsor	2.8
Champaign	Philo	1.9	Alexander	Cairo	2.2
Cook	Chicago	1.7	Knox	Oneida	2.0
			Stephenson	Cedarville	1.9
			Fazewell	Pekin	1.6

PRECIPITATION.

(Inches and hundredths.)

The following table shows the average precipitation for the State and its principal divisions during the past eleven years:

Average precipitation for each Division for June of the years specified:

TERRITORY.	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Average.
Northern Division...	3.41	3.93	5.32	7.86	7.55	4.67	3.83	4.10	1.94	1.61	2.42	4.22
Central Division....	3.69	2.80	2.64	7.35	10.08	5.98	5.60	6.64	3.97	1.62	5.75	5.10
Southern Division..	2.31	4.59	3.63	4.58	5.76	6.91	5.73	6.27	5.29	2.12	6.32	4.87
The State	3.14	3.77	3.90	6.60	7.80	5.85	5.05	5.67	3.73	1.78	4.83	4.73

METEOROLOGICAL REPORT.

The following are the most marked departures from the normal precipitation for June:

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	Inches.	County.	Place.	Inches.
Shelby	Windsor	4.92	McHenry	Riley	3.17
Christian	Pana	4.13	DeKalb	Sangamon	3.91
Coles	Mattoon	3.67	Lawrence	Sumner	3.21
St. Clair	St. Louis	3.12	Kendall	Oswego	2.43
Madison	Collinsville	3.05	Cook	Chicago	2.33
Pope	Golconda	2.64	Peoria	Peoria	2.04
Clinton	Irishtown	2.21	Kane	Aurora	1.94
Washington	Richview	2.10	Tazewell	Pekin	1.71

MEAN RELATIVE HUMIDITY.

NORTHERN DIVISION.		CENTRAL DIVISION.		SOUTHERN DIVISION.	
Station.	Per cent.	Station.	Per cent.	Station.	Per cent.
Lake Forest	73.9	Pekin	80.4	Richview	78.1
Chicago	65.9	Keokuk, Iowa	73.0	Cairo	76.1
Aurora	75.0	Springfield	73.5	St. Louis	70.4
Prairieville		Windsor	74.4		
Peoria	72.0	Jacksonville	79.0		
Watseka	78.0				
Davenport, Ia.	72.0				
Mean	72.8	Mean	76.1	Mean	74.8

The mean relative humidity for State, 74.6 per cent.

MAXIMUM AND MINIMUM TEMPERATURE.

Table of maximum, minimum and mean temperatures for June.

TEMPERATURE.	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Average.
Maximum	96	98	98	99	98	95	98	96	102	104	103	98.8
Minimum	44	39	43	39	39	40	45	36	40	32.0	32.0	39.9
Mean	69.3	69.3	72.0	70.7	71.3	69.7	71.1	70.8	71.3	73.1	73.1	71.2

WIND.

DIRECTION OF WIND.

TERRITORY.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
Northern Division	0	1	1	5	12	10	0	0
Central Division	0	0	0	4	7	7	0	1
Southern Division	0	0	0	4	7	4	0	0
The State	0	1	1	13	26	31	0	1

The following is the wind data for June, as reported from stations having self-registering anemometers:

STATIONS.	WIND—Miles.		
	Total movement.	Av hourly velocity.	Maximum hourly velocity—direction and date.
Chicago.....	7,383	10.3	30—S. W. on the 13th.
Prairieville.....	7.8	7.8	50—from S. on the 8th.
Davenport, Ia.....	5,586	6.2	21—from S. W. on the 5th.
Watseka.....	4,490	6.2	36—from the S. & W. on the 8th & 21st.
Keokuk, Ia.....	5,586	7.8	28—from the S. on the 8th.
Jacksonville.....	4,491	6.2	32—from the S. W. on 8th & S. on 21st.
Springfield.....	4,568	6.5	45—from the W. on the 21st.
Windsor.....	4,919	6.8	42—from the W. on the 21st.
St. Louis, Mo.....	6,955	9.1	40—from the N. W. on the 15th.
Cairo.....	4,757	6.6	

NOTE: The average hourly velocity is obtained by dividing the total movement by 24 times the number of days in the month.

THUNDERSTORMS.

Keokuk, 6th, 14th, 19th, 20th, 21st, 24th and 26th; Springfield, 8th, 9th, 19th, 21st, 22d, 26th and 27th; Peoria, 9th, 12th, 18th, 21st and 26th; Beason, 26th; Mattoon, 8th, 18th 19th; 21st, 26th and 27th; Irishtown, 7th, 8th, 15th, 19th, 20th and 24th; Paris, 15th, 21st, 22d and 26th; Centralia, 7th, 16th and 26th; Mascoutah, 6th, 7th, 8th, 9th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22d, 23d, 24th, 25th, 26th and 27th; Windsor, 7th, 9th, 20th, 21st, 22d, 25th and 27th; Pekin, 5th, 9th, 21st and 26th; Pana, 7th, 8th, 9th, 15th, 19th, 20th, 21st, 22d, 25th and 26th; Jacksonville, 6th, 7th, 14th, 15th, 17th, 20th, 21st and 26th; Jordan's Grove, 7th, 8th, 9th, 15th, 16th, 19th and 24th; Riley, 21; Winnebago, 13th, 14th, 18th, 20th and 21st; Collinsville, 7th, 8th, 9th and 15th; Martinsville, 21st; Mahomet, 19th, 21st and 27th; Brush Hill, 6th 15th, 18th, 21st, 24th, 26th and 27th; Greenville, 7th, 8th, 15th, 20th, 21st and 25th; Olney, 9th, 16th, 20th, 21st, 22d, 26th and 27th; White Hall, 7th, 8th, 19th, 21st, 25th and 26th; Ottawa, 18th, 19th and 21st; Cedarville, 13th, 14th, 19th, 20th, 21st and 27th; Sycamore, 14th, 18th, 16th and 21st; McLeansboro, 6th, 7th, 8th, 9th, 15th, 16th, 19th, 20th and 27th; Richview, 7th, 8th, 9th, 15th and 16th, Albion, 6th and 19th; Oneida, 8th, 9th, 18th, 20th, 21st, 22d and 26th; Belvidere, 13th; Mt. Morris, 18th, 19th and 20th; Watseka, 15th, 21st and 26th; Lanark, 5th, 18th, 19th, 20th and 21st; Pontiac, 16th, 19th, 21st and 22d; New Athens, 6th, 7th, 8th, 15th, 16th, 17th, 24th and 27th; Vandalia, 8th, 24th and 27th; Old DuQuoin, 7th, 8th, 9th, 17th, 18th, 20th, 21st, 22d, 23d, 26th and 27th.

OPTICAL PHENOMENA.

SOLAR HALOS.

Keokuk, 6th, 9th and 26th; Springfield, 8th, 9th, 12th, 13th 14th and 17th; Beason, 27th; Jacksonville, 19th and 20th; Riley, 5th, 7th, 11th, 12th, 15th, 19th, 26th and 30th; Winnebago, 6th and 7th; Mt. Morris, 7th and 8th; Lanark, 11th.

LUNAR HALOS.

Springfield, 17th; Pekin, 13th, Olney, 17th, 18th, 22d and 24th; Aurora, 21st; Mt. Morris, 14th and 17th.

METEOROLOGICAL REPORT.

PARHELIA.

Jordan's Grove, 27th.

AURORA.

Pekin, 12th, 24th and 25th.

POLAR BANDS.

Riley, 7th, 15th and 17th; Pekin, 4th and 7th.

METEORS.

Pekin, 4th and 30th.

MISCELLANEOUS PHENOMENA.

HAIL.

Dwight, 13th; Lake Forest, 1st; Oneida, 8th; Pontiac, 21st.

FROST.

Chicago, 3d; Beason, 23d; Windsor, 2d and 3d; Winnebago, 2d and 3d; Rockford, 2d; Sycamore, 2d and 3d; Oswego, 2d and 3d; Oneida, 2d and 3d; Belvidere, 2d; Watseka, 3d.

SUNSPOTS, JUNE, 1888.

RECORDED BY JOHN W. JAMES, VOL. OBSERVER, RILEY.

A group of small spots, first seen on the 8th, on the sun's meridian on the 11th, vanished on the 15th, before reaching the west edge. Two new spots broke out on the sun's meridian on the 14th; another on the 16th. All gone the next day. A new group of spots appeared two days, west of the meridian, on the 25th, disappearing by the solar rotation on the 29th.

THE following Weekly Weather Crop-Bulletins have been issued by this office during June, 1888; being a summary of the weekly reports made to the Secretary of the State Board of Agriculture, by the Observers of the Illinois Weather Service and Crop Reporters, in connection with the U. S. Signal Service.

DEPARTMENT OF AGRICULTURE.

SPRINGFIELD, ILL., June 2, 1888.

The crop correspondents of the State Department of Agriculture and the observers of the Illinois State Weather Service, representing all portions of the State, have made the following report for the week ending June 2, 1888, to the Secretary of the State Board of Agriculture, concerning the weather and the conditions of the growing crops.

SEASON.

Temperature.—The mean temperature in the northern and central divisions of the State during the past week was not up to a seasonable average and in the southern counties where rainfall has been limited, warmer weather has prevailed.

Precipitation.—The rainfall during the past week has been much above a seasonable average north of a line extending across the State through the counties of Crawford, Effingham and Madison. There has been a limited rainfall south of the line named above.

Sunshine.—The crops have been favored with a seasonable average of warm, "growing weather" in the southern counties during the past week, and a lack of sunshine to obtain the best results is reported elsewhere in the State.

CROP PROSPECTS.

The reports received on this date from all portions of the State indicate that an abundance of rain has fallen during the week in the northern and central divisions, where the conditions have been favorable for the growth of grass and oats. There has been an absence of sunshine and lack of high temperature so much needed by corn.

Wheat.—The prospects for spring wheat continue to improve and the present condition gives encouragement for an average yield per acre. Excepting in the counties of Union and Pulaski, the outlook for winter wheat is discouraging. In but few of the southern counties will there be even three-fourths of an average yield per acre on the limited area of wheat that has not been plowed up, while in many of the leading winter wheat counties there will be from ten to thirty-five per cent. of an average yield per acre.

Corn.—There is general complaint that corn is suffering for want of warm, seasonable weather and that the late heavy rains will delay much needed cultivation. The injury from cut-worms has been more general and serious than heretofore reported and more replanting has been done this season than for several years past. The stand of corn is very uneven and the plant lacks vigor.

Oats.—The condition of this crop is better than reported last week and excepting in a few of the counties in the south-eastern portions of the State, the prospects are favorable for nearly an average yield per acre.

Meadows and Pastures are in better condition than heretofore reported and with continued favorable season a fair crop of hay and pasturage is assured, except in the counties where the clover and arm-yworm are so destructive. Clover in some sections of southern Illinois has been entirely destroyed by this comparatively new insect enemy, and timothy has been injured in some southern counties by the army worm.

DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, ILL., June 9, 1888.

Season.—The mean temperature during the first three days of the past week was below a seasonable average. Frost is reported on June 3d in the north-west portion of the State. The higher temperature for the last half of the week brought the growth in vegetation up to a seasonable average as compared to the corresponding period in previous years. The rain-fall has been light and excepting in Clinton, Marion and adjoining counties there has been less than a seasonable weekly rainfall. In the section named there were heavy local showers on the 7th and on the 9th there was a general rain in nearly all the southern counties. There is still great need for more rain in the southern division of the State.

Sunshine.—There has been a seasonable per cent. of sunshine during the past week in nearly all portions of the State.

CROP PROSPECTS.

The reports received on this date from all portions of the State indicate that during the past week rains have visited the southern counties in which the continued drouth and numerous insect pests have caused much alarm concerning the outlook for growing crops. The heavy rains of the previous week and the late showers have continued the conditions for the crops in other portions of the State. The serious damage threatened wheat and corn by the presence of vast numbers of chinch bugs in the southern counties has lessened somewhat since the late rains, but unless abundant and early showers are had in this section there will be an unprecedented failure of the crops this season.

Corn.—The cold, backward season is indicated by the slow growth of this plant. The uneven stand is indicated largely by the presence of an unusual number of cut-worms. In some of the southern counties the chinch-bugs have seriously damaged the corn. The late showers and warm weather have had a marked effect in improving the condition of corn, which has made a vigorous growth during the past week in all portions of the State visited by the recent rains. In the following counties there is a fair prospect for nearly an average yield of corn per acre, viz: McHenry, DeKalb, DuPage, Kankakee, Champaign, Vermilion, Morgan, Scott, Green, Jersey, Macoupin, Madison, Christian, Moultrie, Coles, Edgar, Clark, Jasper, Effingham, Clay, Marion, Jefferson, Clinton, St. Clair, Randolph, Perry, Gallatin, Hardin, Williamson, Alexander and Pulaski.

Oats.—There has been a good growth of oats during the past week in sections of the State where there has been seasonable rains and considerable danger of lodging is anticipated. The present prospects are favorable for an average yield per acre of oats in the central and northern counties of the State where the bulk of this crop is produced. In many of the southern counties there will be a good yield of oats.

Wheat.—The limited area of spring wheat in this State is in promising condition and will doubtless make an yield per acre. The condition of winter wheat has not improved during the past week. The reports showing a slight change for the better in the outlook for this crop are the exception. There are but few localities in the State where winter wheat will make over two-thirds of an average yield per acre, and until the large area plowed up can be determined, the extent of this crop for 1888 cannot be approximated.

Grass Lands.—There has been an improvement in the condition of meadows and pastures in the central divisions of the State during the past week and in some of the southern counties visited by local showers. The complaints from the southern counties are numerous

of late concerning the damage to meadows resulting from the presence of the army-worm and the new species of cut-worm has done the clover much injury. There will be a very limited crop of hay, owing to the damage from insects and the drouth of the past two seasons. The quality of hay will not be as good as usual, owing to the presence of weeds in the meadows.

DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, ILL., June 16, 1888.

SEASON.

Temperature.—The mean temperature during the past week was not quite up to a seasonable average. A white frost is reported in Ogle county on the 11th of June. No serious damage resulted therefrom. During the last half of the current week the weather was warm and favorable for the rapid growth of the crops.

Rainfall.—In the counties of Macon, Shelby, Madison and Washington, more than a seasonable weekly average rainfall is reported. In all but a few of the remaining counties from which reports have been secured there has been a lack of seasonable rain. The crops in all portions of the State need rain and this is especially the case in the southern portions of the State where the few late showers reported have been local.

Sunshine.—There has been a seasonable amount of sunshine during the past week and in sections visited by rains the crops have made rapid growth.

CROP PROSPECTS.

The crops in all portions of the State where the late rains are reported, have made good growth during the week and the outlook is in the main more favorable. The condition of the crops however is far from encouraging in all the southern counties, excepting the few localities visited by local rains where temporary relief is afforded. The serious damage resulting from the drouth and the presence of army-worms, chinch bugs and cut-worms, in the southern division of the State, has largely reduced the prospects for the grain and grass crops. The reports received on this date indicate the presence of locusts in alarming numbers in several localities in the northern portion of the State.

Corn.—This crop has made good growth of late and in the central and northern counties is in much better condition than last week. The plant is small, but generally of good color and free from weeds. Farmers have seldom had their corn in better state of cultivation at corresponding date in previous years than this season. This crop stands greatly in need of frequent showers and a higher temperature.

Oats.—The condition of this crop promises an average or better yield per acre in all except the southern counties where the drouth has prevailed.

Wheat.—The prospects for winter wheat in the counties of Pike, Green, Morgan, Sangaman, Piatt and Champaign are much better than heretofore reported and the limited wheat area in the counties named promises about an average yield per acre. The condition of this crop in Madison, St. Clair and other leading winter wheat counties gives encouragement for from ten to seventy-five per cent. of an average yield per acre. The most unfavorable reports concerning the condition of winter wheat come from the counties of Wayne, Richland, Hamilton, Franklin, Lawrence, Clay, Shelby and Jasper. Spring wheat is up to an average in condition in the majority of the counties.

DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, ILL., June 23, 1888.

SEASON.

Temperature.—The temperature during the past week has been seasonable and slightly above the average as compared with the corresponding week in previous years. The high temperature has been favorable for the rapid growth of vegetation.

Rainfall.—Abundant rains have visited all portions of the State during the past week. In the central division the rains have been unusually heavy, causing some damage to the oats of rank growth, which are badly lodged in some localities.

Sunshine.—There has been more cloudiness during the past week than usual.

CROP PROSPECTS.

There has been a decided improvement during the past week in the condition of the crops in all portions of the State. The crops have been greatly benefitted by the recent copious showers and the prevailing high temperature.

Corn.—This crop is in better condition than last week and in the following counties the prospects are favorable for an average yield per acre, viz: Mercer, Macon, Champaign, Morgan, Calhoun, Green, Shelby, Cumberland, Jasper, Madison, Bond, Lawrence, Clinton, Randolph, Franklin, Hamilton and Hardin. In the counties not named the condition of corn is nearly up to a seasonable average.

Oats.—The prospects for this crop have seldom been better at corresponding period in previous years and in the majority of the counties more than an average yield per acre is predicted. The late heavy rains have prostrated this crop quite seriously in localities in the central division of the State where the rank growth of the plant is generally reported.

Wheat.—The condition of winter wheat in some of the central counties gives encouragement for about an average yield per acre. In the leading winter wheat counties in the southern division of the State the prospects are more encouraging than last week, owing to the rains which have largely reduced the number of chinch-bugs that have been so seriously threatening this crop. Spring wheat, in a few northern counties in which this crop is grown, is up to an average in condition. Winter wheat harvest is well advanced in the southern counties and considerable cheat is present in many localities.

Meadows and Pastures have been greatly benefitted by the late rains and are up to an average in condition in many of the central and northern counties. The condition of live stock is nearly up to an average for the season.

DEPARTMENT OF AGRICULTURE,

SPRINGFIELD ILL., June 30, 1888.

SEASON.

Temperature.—The mean temperature of the past week, while favorable for the growth of crops, was not quite up to a seasonable average for the last week in June.

Rainfall.—In the northern counties there has been no lack of needed moisture for the growing of the crops and the precipitation has been nearly up to an average as compared to the corresponding week in previous years. Heavy rains have fallen during the past week in the central and southern divisions of the State, causing some delay in harvesting wheat and saving the hay crop. In many of the southern counties the late excessive rains were greatly needed for the crops and will have a marked effect in checking the ravages of the chinch bugs.

Sunshine.—Cloudiness has prevailed to an unusual extent in all portions of the State during the past week.

CROP PROSPECTS.

The humidity and temperature prevailing during the past week have been favorable for the rapid growth of the crops and the improvement is in contrast with the comparatively slow growth made in previous weeks.

Corn.—The improvement made in the condition of this crop during the past week in all portions of the State is very satisfactory; The condition is reported up to a seasonable average in the following additional counties not heretofore so classed: Effingham, Richland, Clay, Williamson, Edwards, Scott, Douglas, Logan, Tazewell, Iroquoise, Marshall and Putnam. The heavy rains and winds in many localities have prostrated the corn and interfered with much needed cultivation. The rapid growth of weeds in the corn is causing farmers some anxiety, as the meadows and wheat fields will for a time demand attention. Comparatively little

corn has been "laid by" in the central and northern divisions of the State, owing to the cold, dry season and the consequent slow growth of corn.

Oats.—The condition of this crop promises more than an average yield per acre in the majority of the counties. In all portions of the State visited by seasonable rains a rank growth of oats is reported. This crop has been badly lodged by the late storms and the difficulty in harvesting the same will reduce the expected yield.

Wheat.—Spring wheat continues to improve the prospects are favorable for an average yield per acre. Winter wheat harvest has progressed satisfactorily until the late heavy rains which in some sections have made the ground so soft that self-binders cannot be used. The quality of the wheat harvested in the southern counties is generally inferior, owing to the unfavorable season and injury sustained by the chinch bugs. More rust is reported in the wheat than for several years past.

Grass.—The condition of meadows and pastures continues to improve and the late rains have been favorable for a heavy undergrowth which will largely increase the yield and improve the quality of hay.

Fruit is quite abundant and especially the small varieties. The Fruit crop will be much larger and of better qualities than of late years.

Live stock continues to improve with the growth of grass and is up to a seasonable average.

REMARKS.

METEOROLOGICAL OBSERVERS.

MONTH OF JUNE, 1888.

ALEXANDER COUNTY—C. L. BOZZELL, Observer, Signal Corps, Cairo. Highest barometer, 30.191, on the 6th; lowest, 29.680, on the 27th; mean, 29.964; range, 0.510. Highest temperature, 89° 1, on the 17th; lowest, 51° 4, on the 3d; range, 37° 7; greatest daily range, 23° 5, on the 5th; least, 5° 0, on the 22d; mean daily range, 14° 3; mean maximum temperature, 80° 5; mean minimum, 66° 2. The mean temperature of the month, 72° 9, was 2° 2 below the normal for the past sixteen years. The precipitation, 5.43 inches, was 1.07 inches above the normal for the past sixteen years, falling on seventeen days, viz: 1st, 2d, 7th, 8th, 9th, 10th, 15th, 16th, 18th, 19th, 20th, 22d, 23d, 24th, 25th, 26th and 27th. Mean relative humidity, 76.1 per cent. Prevailing direction of the wind, S.; total movement, 4757 miles; maximum velocity, 40 miles from the N.W., on the 15th. There were 5 clear, 13 fair and 12 cloudy days.

BOND COUNTY—M. S. OUDYN, Ph. G., Observer, Greenville. Highest temperature, 92°, on the 18th; lowest, 44°, on the 2d and 3d; range, 48°; greatest daily range, 33°, on the 5th; least daily, 7°, on the 23th; mean daily range, 20° 5; mean maximum temperature, 82° 2; mean minimum, 61° 7. The mean temperature of the month, 71° 8, was 2° 2 below the normal for the past ten years. The precipitation, 6.52 inches, was 0.14 of an inch above the normal for the past six years, falling on eleven days, viz: 7th, 8th, 9th, 15th, 16th, 20th, 21st, 22d, 25th, 26th and 27th. Prevailing direction of the wind, S.E. There were 13 clear, 6 fair and 11 cloudy days. Thunderstorms on the 7th, 8th, 15th, 20th, 21st and 25th.

BOONE COUNTY—E. L. LAWRENCE, Observer, Belvedere. Highest temperature, 95.0°, on the 17th; lowest, 46° 0, on the 2d; range, 49° 0. The mean temperature of the month was 69° 1. The precipitation was 1.90 inches, falling on seven days, viz: 13th, 14th, 18th, 19th, 20th and 21st. Prevailing direction of the wind, S.W. There were 7 clear,

12 fair and 11 cloudy days. Thunderstorm on the 13th. Frost on the 2d.

CALHOUN COUNTY—DR. S. SOUTHWORTH, Observer, Kampville. Highest temperature, 92°, on the 7th and 14th; lowest, 52°, on the 2d; range, 40°. The mean temperature of the month was 75° 8. The precipitation was 6.53 inches, falling on eleven days, viz: 5th, 7th, 8th, 9th, 16th, 19th, 21st, 22d, 24th, 25th and 27th. Prevailing direction of the wind, S. and S.E. There were 9 clear, 14 fair and 7 cloudy days. Thunderstorms on the 5th, 7th, 8th, 15th, 19th, 21st and 26th.

CARROLL COUNTY—CHAS. H. BEFLER, Observer, Lanark. Highest temperature, 85°, on the 8th; lowest, 43°, on the 2d; range, 42°; greatest daily range, 21°, on the 8th, 11th and 29th; least, 3°, on the 27th. The mean temperature of the month, 70° 5. The precipitation, 2.72 inches, falling on eight days, viz: 10th, 12th, 14th, 18th, 19th, 20th, 21st and 27th. Prevailing direction of the wind, N.; maximum velocity, a gale, from the S. on the 8th. There were 9 clear, 11 fair and 10 cloudy days. Solar halos on the 11th, at 12m., very bright. Thunderstorms on the 5th, 18th, 19th, 20th and 21st. Locusts are numerous and doing considerable damage to young trees. Crop prospects are good.

CHAMPAIGN COUNTY—DR. C. L. MYERS, Observer, Mahomet. Highest temperature, 89°, on the 17th; lowest, 36°, on the 3d; range, 53°; greatest daily range, 31°, on the 3d; least daily, 9°, on the 28th; mean daily range, 20°. The mean temperature of the month was 68° 7. The precipitation was 4.36 inches, falling on eight days viz: 1st, 15th, 18th, 19th, 20th, 21st, 24th and 27th. Prevailing direction of the wind, S. There were 8 clear, 18 fair and 4 cloudy days. Thunderstorms on the 19th, 21st and 27th. Per cent. of sunshine, 49. Highest barometer (aneroid) occurred on the 30th; lowest barometer on the 27th. No hail or damage from wind has occurred here this month.

CHAMPAIGN COUNTY—HUBERT BURR, Observer, Philo. Highest barometer, 30.20, on the 7th; lowest, 29.70, on the 27th; mean, 29.97; range, 1.50. Highest temperature, 94°, on the 17th; lowest, 40°, on the 3d; range, 54°; greatest daily range, 30°, on the 3d; least daily, 9°, on the 1st; mean daily range, 16° 8'; mean maximum temperature, 81° 5'; mean minimum, 64° 7'. The mean temperature of the month, 71° 3, was 1° 9 above the normal for the past four years. The precipitation, 3.11 inches, was 0.80 of an inch above the normal for the past four years, falling on five days, viz: 21st, 23d, 25th, 26th and 27th. Prevailing direction of the wind, S.E.; maximum velocity, 25 miles from the S.W., on the 5th. There were 11 clear, 15 fair and 4 cloudy days. Lunar halo on the 22d. Dense fog on the 23d. Rainbow on the 22d. Heat lightning on the 17th, 18th and 19th.

CHRISTIAN COUNTY—J. K. EBERLE, Observer, Pana. Highest temperature, 84°, on the 18th; lowest, 40°, on the 2d; range, 44° 0'. The mean temperature of the month was 65° 21'. The precipitation was 8.74 inches, falling on twelve days, viz: 7th, 8th, 9th, 15th, 19th, 20th, 21st, 22d, 25th and 26th. Prevailing direction of the wind, S.W.; total movement, high. There were 14 clear, 5 fair and 11 cloudy days. Thunderstorms on the 7th, 8th, 9th, 15th, 19th, 20th, 21st, 22d, 25th and 26th.

CLAY COUNTY L. A. MICHELS, Observer, Flora. Highest temperature, 96°, on the 18th; lowest, 38°, on the 3d and 4th; range, 58°; greatest daily range, 38°, on the 4th; least daily, 10°, on the 28th; mean daily range, 23°; mean maximum temperature, 85°; mean minimum, 62°. The mean temperature of the month, 73°, was 2° above the mean of the past three years. The precipitation, 4.83 inches, was 0.54 of an inch below the mean of the past three years, falling on nine days, viz: 7th, 8th, 9th, 15th, 16th, 22d, 23d, 25th and 27th. Prevailing direction of the wind, S. There were 16 clear, 5 fair and 9 cloudy days.

CLINTON COUNTY—WM. ROGAN, Observer, Irishtown. Highest temperature, 93°, on the 7th; lowest, 52°, on the 2d. The mean temperature of the month, 72° 2, was 1° 1 below the normal for the past three years. The precipitation, 7.59 inches, was 2.21 inches above the normal for the past three years, falling on sixteen days, viz: 1st, 7th, 9th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22d, 23d, 24th, 25th, 26th and 27th. Thunderstorms on the 7th, 8th, 15th, 19th, 20th and 24th.

CLARK COUNTY—J. B. SHEAPLEY, Observer, Martinsville. Highest barometer, 29.55 on the 7th; lowest, 25, on the 27th; mean, 29.332; range, 55. Highest temperature, 94°, on the 19th and 20th; lowest, 49°, on the 4th; range, 45°; greatest daily range, 25°, on the 8th; least, 7°, on the 22d; mean daily range, 22° 0', mean maximum temperature, 82°; mean minimum, 60°. The mean temperature of the month was 75°. The precipitation was 5.26 inches, falling on nine days, viz: 9th, 18th, 21st, 22d, 23d, 24th, 25th, 26th and 27th. Prevailing direction of the wind, N.W.; maximum velocity, 25 miles from the N.W., on the 21st. There were 15 clear, 4 fair and 11 cloudy days. Thunderstorm on the 21st, killing a young man.

COLES COUNTY—WM. DOZIER, Observer, Mattoon. Highest temperature, 97° 0, on the 18th; lowest, 44°, on the 2d; range, 53°. The mean temperature of the month, 73°, was 0° 4 above the normal for the past eight years. The precipitation, 8.25 inches was 3.67 inches above the normal for the past eight years, falling on fifteen days, viz: 1st, 7th, 8th, 15th, 16th, 17th, 18th, 20th, 21st, 22d, 23d, 25th, 26th, 27th and 28th. Prevailing direction of the wind, S. There were 11 clear, 12 fair and 7 cloudy days. Thunderstorms on the 8th, 18th, 19th, 21st, 26th and 27th. Remarkably heavy rain on the 27th—5.86 inches fell in five hours.

COOK COUNTY—H. C. FRANKINFIELD, Observer, Signal Corps, Chicago. Highest barometer, 30.260, on the 7th; lowest, 29.690, on the 10th; mean, 29.924; range, 0.570. Highest temperature, 90° 0, on the 20th; lowest, 43° 0, on the 2d; range, 47° 0; greatest daily range, 35° 4, on the 8th; least, 8° 5, on the 28th; mean daily range, 17° 2; mean maximum temperature, 75° 8; mean minimum, 58° 6. The mean temperature of the month, 67° 4, was 1° 7 above the normal for the past sixteen years. The precipitation, 1.66 inches, was 2.33 inches below the normal for the past sixteen years, falling on eight days, viz: 1st, 10th, 12th, 21st, 22d, 23d, 27th and 28th. Mean relative humidity 65.9 percent. Prevailing direction of the wind, N.E. & S.W.; total movement, 7383 miles; maximum velocity, 30 miles from the S.W., on the 13th. There were 8 clear, 16 fair and 6 cloudy days. Light frost on the 3d.

DEKALB COUNTY—ROSWELL DOW, Observer, Sycamore. Highest temperature, 89° 4, on the 15th; lowest, 44°, on the 2d and 3d; range, 45° 4; greatest daily range, 25°, on the 30th; least daily, 5° 2, on the 27th. The mean temperature of the month was 67° 1. The precipitation, 1.27 inches, was 3.91 inches below the normal for the past eight years, falling on nine days, viz: 9th, 14th, 17th, 18th, 19th, 20th, 21st, 24th and 27th. Prevailing direction of the wind, S.E.; maximum velocity, 20 miles. There were 12 clear, 13 fair and 5 cloudy days. Thunderstorms on the 14th, 18th, 19th and 21st. Light frosts were reported on the 2d and 3d. The Cicada or seventeen year locust music commenced on the 13th, which was about 20 days later than in 1871. The appearances of this insect here have been in 1837, 1854, 1871 and 1888. The precipitation for June, 1881, was 11.40 inches, and for June, 1887, was 1.12 inches. These are the extremes for eight years.

DOUGLAS COUNTY—MISS MARY ILES, Observer, Camargo. Highest temperature, 92°, on the 18th; lowest, 46°, on the 2d. Precipitation fell on ten days, viz: 9th, 15th, 18th, 19th, 20th, 21st, 23d, 26th, 27th and 28th. Prevailing direction of the wind, S. There were 5 clear, 12 fair and 13 cloudy days. The crops are doing well, especially corn and oats; have had a good rain on the 26th and 27th, about what the farmers thought enough in this neighborhood.

DUPAGE COUNTY—R. F. MORGAN, Observer, Wheaton. Highest temperature, 90°, on the 17th; lowest, 44°, on the 1st; range, 46°. The mean temperature of the month was 70°.

EDGAR COUNTY—WILBUR T. COOK, Observer, Paris. Highest temperature, 93°, on the 19th; lowest, 44°, on the 2d; range, 49°. The mean temperature of the month was 70°. The precipitation was 4.62 inches, falling on nine days, viz: 9th, 15th, 21st, 22d, 23d, 24th, 25th, 27th and 28th. Prevailing direction of the wind, S.W. There were 8 clear, 12 fair and 10 cloudy days. Thunderstorms on the 15th, 21st, 22d and 26th. Dense fog on the 23th and 29th.

EDWARDS COUNTY—B. F. MICHELS, Observer, Albion. Highest temperature, 103°, on the 18th; lowest, 52°, on the 2d and 3d; range, 51°; greatest daily range, 33°, on the 12th; least, 8°, on the 15th; mean daily range, 18°.76. The mean temperature of the month was 73°.40. The precipitation was 7.35 inches, falling on nine days, viz: 7th, 9th, 15th, 16th, 19th, 20th, 21st, 25th and 27th. Prevailing direction of the wind, S.; maximum velocity, 4 on a score of 10, from the S.E., on the 19th. There were 14 clear, 3 fair and 13 cloudy days. Thunderstorms on the 6th and 19th.

FAYETTE COUNTY—JOS. URBANI, Observer, Vandalia. Highest barometer, 30.07, on the 7th; lowest, 29.64, on the 27th; mean, 29.87; range, 0.43. Highest temperature, 93°, on the 18th; lowest, 46°, on the 3d; range, 47°; greatest daily range, 30°, on the 4th and 5th; least daily, 3°, on the 28th; mean daily range, 19°; mean maximum temperature, 83°; mean minimum, 61°. The mean temperature of the month was 73°.24. The precipitation was 6.95 inches, falling on ten days, viz: 8th, 9th, 15th, 16th, 20th, 21st, 24th, 25th, 26th and 27th. Prevailing direction of the wind, S. There were 13 clear, 5 fair and 12 cloudy days. Thunderstorms on the 8th, 24th and 27th.

FRANKLIN COUNTY—J. McPHERSON, Observer, Benton. Highest temperature, 93°, on the 13th and 14th; lowest, 55°, on the 3d; range, 38°. The mean temperature of the month was 73°.7. The precipitation was 2.76 inches, falling on seven days, viz: 1st, 6th, 9th, 15th, 16th, 17th and 27th. Prevailing direction of the wind, S. There were 10 clear, 12 fair and 8 cloudy days.

GREENE COUNTY—P. J. BATES, Observer, White Hall. Highest temperature, 88°, on the 5th; lowest, 52°, on the 2d; range, 36°; greatest daily range, 24°, on the 5th; least daily, 6°, on the 10th, 15th and 27th. The mean temperature of the month was 74°.7. The precipitation was 5.41 inches, falling on eleven days, viz: 1st, 7th, 8th, 9th, 15th, 16th, 19th, 21st, 22d, 25th and 27th. Prevailing direction of the wind, S.E. There were 11 clear, 12 fair and 7 cloudy days. Thunderstorms on the 7th, 8th, 19th, 21st, 25th and 26th.

HAMILTON COUNTY—W. P. GIBBS, Observer, McLeansboro. Highest temperature, 98°, on the 4th, 19th and 21st; lowest, 45°, on the 4th; range, 53°; greatest daily range, 35°, on the 4th; least daily, 9°, on the 27th and 28th; mean daily range, 23°.6; mean maximum temperature, 88°.6; mean minimum, 64°.8. The mean temperature of the month, 73°.8, was normal for the past six years. The precipitation, 5.88 inches, was 0.76 of an inch above the normal for the past six years, falling on eleven days, viz: 1st, 7th, 8th, 9th,

15th, 20th, 22d, 23d, 26th and 27th. Prevailing direction of the wind, S.W.; maximum velocity, 30 to 39 miles from the S. and S.W., on the 7th. There were 9 clear, 13 fair and 8 cloudy days. Thunderstorms on the 6th, 7th, 8th, 9th, 15th, 16th, 19th, 20th and 27th, but the thunder of the 7th was all that approached a storm, it was vivid and heavy in the evening from the S. and S.W.

HANCOCK COUNTY—FRED Z. GOSEWISCH, Observer, Signal Corps, Keokuk, Iowa. Highest barometer, 30.150, on the 6th and 7th; lowest, 29.630, on the 21st; mean, 29.889; range, 0.520. Highest temperature, 87°.7, on the 17th; lowest, 46°.0, on the 2d; range, 41°.7; greatest daily range, 45°.2, on the 5th; least, 9°.4, on the 27th; mean daily range, 16°.9; mean maximum temperature, 79°.3; mean minimum, 62°.4. The mean temperature of the month, 70°.3, was 1° 9 below the normal for the past sixteen years. The precipitation, 5.42 inches, was 0.23 inches above the normal for the past sixteen years, falling on twelve days, viz: 1st, 6th, 12th, 14th, 15th, 19th, 20th, 21st, 22d, 24th, 26th and 27th. Mean relative humidity, 73.0 per cent. Prevailing direction of the wind, S.; total movement, 5586 miles; maximum velocity, 36 miles from the S & W., on the 8th and 21st. There were 7 clear, 17 fair and 4 cloudy days. Solar halos on the 6th, 8th and 26th. Thunderstorms on the 6th, 14th, 19th, 20th, 21st, 24th and 26th.

HENDERSON COUNTY—R. HODSON, Observer, Oquawka. Highest temperature, 95°, on the 18th and 20th; lowest, 52°, on the 3d; range, 41°. The mean temperature of the month was 73°.6. The precipitation was 3.37 inches, falling on six days, viz: 1st, 5th, 19th, 20th, 22d and 26th. Prevailing direction of the wind, S. There were 10 clear, 13 fair and 7 cloudy days.

IROQUOIS COUNTY—H. UPSALL, Observer, Watseka. Highest barometer, 30.221, on the 7th; lowest, 29.670, on the 27th; mean, 29.928; range, 0.551. Highest temperature, 98°, on the 19th; lowest, 38°.2, on the 3d; range, 59°.8; greatest daily range, 40°.9, on the 8th; least daily, 12°, on the 10th; mean daily range, 23°.7; mean maximum temperature, 82°.3; mean minimum, 58°.6. The mean temperature of the month, 69°.9, was 0°.2 above the normal for the past four years. The precipitation, 4.43 inches, was 1.10 inches above the normal for the past four years, falling on seven days, viz: 9th, 15th, 17th, 21st, 23d, 25th and 26th. Mean relative humidity, 98 per cent. Prevailing direction of the wind, S.E.; total movement 4,490 miles; maximum velocity, 21 miles from the S.W., on the 5th. There were 15 clear, 4 fair and 11 cloudy days. Thunderstorms on the 15th, 21st and 26th. Frost on the 3d.

KANE COUNTY—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.185, on the 7th; lowest, 29.653, on the 10th; mean, 29.874; range, 0.532. Highest temperature, 92°, on the 19th; lowest, 38°, on the 3d; range, 54°; greatest daily range, 35°, on the 30th; least daily, 11°, on the 10th; mean daily range, 23°.2; mean maximum temperature, 81°.3; mean minimum, 58°.1. The mean temperature of the month, 69°.43, was 0°.29 below the normal for the past nine years. The precipitation, 0.98 of an inch, was 1.94 inches below the normal for the past nine years, falling on nine days, viz:

1st, 13th, 17th, 18th, 19th, 25th, 27th and 28th. Mean relative humidity, 75 per cent. Prevailing direction of the wind, S.; maximum velocity, 40 miles from the S., on the 5th. There were 3 clear, 24 fair and 3 cloudy days. Lunar halo on the 21st.

KENDALL COUNTY—J. S. SEELY, Observer, Oswego. Highest barometer, 30.230, on the 29th and 30th; lowest, 29.762, on the 21st; mean, 30.016; range, 0.468. Highest temperature, 92°, on the 15th, 16th and 19th; lowest, 46°, on the 2d, 3d and 4th; range, 46°; greatest daily range, 30°, on the 5th; least, 10°, on the 9th and 10th. The mean temperature of the month, 68°.07, was a fraction below the normal for the past eight years. The precipitation, 1.29 inches, was 2.43 inches below the normal for the past eight years, falling on eight days, viz: 13th, 17th, 19th, 21st, 22d, 24th, 27th and 28th. Prevailing direction of the wind, S. & W. There were 9 clear, 13 fair and 8 cloudy days. Light frost on the 2d and 3d. Rainfall first six months of 1888, 12.63 inches; do first six months of 1887, 11.01 inches. In 1887, 7.27 inches of rain fell in January and February, and all ran off. In 1888, 2.82 inches of rain fell in January and February. What rain we had this year has come when it has done the most good possible—mainly in May.

KNOX COUNTY—T. A. WETMORE, Observer, Oneida. Highest temperature, 92°, on the 18th; lowest, 48°, on the 2d; range, 44°. The mean temperature of the month, 74°.4, was 2°.0 below the mean for the past three years. The precipitation, 4.10 inches, was .83 inch above the mean for the past three years falling on ten days, viz: 1st, 8th, 9th, 15th, 18th, 19th, 21st, 22d, 26th and 27th. Prevailing direction of the wind, S. There were 6 clear, 12 fair and 12 cloudy days. Thunderstorms on the 8th, 9th, 18th, 20th, 21st, 21d, 24th. Hail on the 8th; frost on the 2d and 3d.

LAKE COUNTY, L. R. F. GRIFFIN, Observer, Lake Forest University, Lake Forest. Highest barometer, 30.288, on the 7th; lowest, 29.524, on the 21st and 22d; mean, 29.789; range, .774. Highest temperature, 90°, on the 21st; lowest, 36°, on the 3d; range, 55°; greatest daily range, 34°, on the 2d; least, 6° on the 18th; mean daily range, 22°.6; mean maximum temperature, 76°.9; mean minimum, 51°. The mean temperature of the month, 66°.6, was 0°.8 above the mean of the past two years. The precipitation, 2.68 inches, was 1.63 inches above the mean of the past two years, falling on nine days, viz: 1st, 9th, 13th, 19th, 24th, 26th, 27th and 28th. Mean relative humidity, 73.9 per cent. Prevailing direction of the wind, S.W. There were 1 clear, 18 fair and 10 cloudy days. Hail $\frac{1}{4}$ inch in diameter fell on the afternoon of the 1st. Mirage on the 3d at 4:30 p.m. over Lake Michigan.

LASALLE COUNTY—Dr. J. O. HARRIS, Observer, Ottawa. Highest temperature, 93°, on the 20th; lowest, 52°, on the 3d; range, 41°; greatest daily range, 24°, on the 12th and 30th; least, 9°, on the 10th. The mean temperature of the month was 68°.14. The precipitation was 2.01 inches, falling on thirteen days, viz: 2d, 5th, 9th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22d, 27th and 28th. Prevailing direction of the wind, S.W. There were 6 clear, 12 fair and 12 cloudy days. Thunderstorms on the 18th, 19th and 20th. Several severe thunderstorms passed in our immedi-

ate vicinity during the month, but we actually had only light thunderstorms here.

LAWRENCE COUNTY—J. A. FYFFE, Observer, Sumner. Highest temperature, 102°, on the 19th; lowest, 50°, on the 1st and 3d; range, 52°. The mean temperature of the month, 75°, was 2° above the mean of the past two years. The precipitation, 2.90 inches, was 3.20 inches below the mean of the past two years, falling on five days, viz: 9th, 16th, 21st, 25th and 27th. There were 17 clear, 7 fair and 6 cloudy days.

LIVINGSTON COUNTY—ISAAC YOUNG, Observer, Pontiac. Highest temperature, 90°, on the 14th; lowest, 38°, on the 2d; range, 52°; greatest daily range, 34°, on the 7th; least daily, 4°, on the 10th. The mean temperature of the month was 66°.9. The precipitation was 3.85 inches, falling on ten days, viz: 1st, 9th, 15th, 17th, 18th, 19th, 20th, 21st, 27th and 28th. Prevailing direction of the wind, S., N. & N.E. There were 6 clear, 12 fair and 12 cloudy days. Thunderstorms on the 19th, 20th and 21st. Thunderstorms N.W., N. & N.E. of us on the 16th. Hail fell during the storm on the 21st. Red sunsets on the 14th, 16th and 20th.

LOGAN COUNTY—L. H. SULLIVAN, Observer, Beason. Highest temperature, 96°, on the 17th; lowest 42°, on the 2d. The mean temperature of the month was 62°.24. The precipitation was 2.46 inches, falling on six days, viz: 9th, 15th, 21st, 23d, 27th and 28th. Prevailing direction of the wind, S.W. There were 10 clear, 18 fair and 2 cloudy days. Solar halo on the 27th. Thunderstorm on the 26th. Fog on morning of the 23d. Light frost on the morning of the 2d and 3d, but did no damage.

MADISON COUNTY—J. L. R. WADSWORTH, Observer, Collinsville. Highest temperature, 89°.5, on the 14th; lowest, 45°, on the 3d; range, 44°.5; greatest daily range, 32°, on the 5th; least daily, 7°, on the 27th; mean daily range, 17°.9; mean maximum temperature, 80°.6; mean minimum, 62°.7. The mean temperature of the month, 71°.6, was 0°.7 below the normal for the past nine years. The precipitation, 8.97 inches, was 3.05 inches above the normal for the past six years, falling on nine days, viz: 7th, 9th, 15th, 16th, 19th, 23d, 24th, 25th and 26th. Prevailing direction of the wind, S. Thunderstorms on the 7th, 8th, 9th and 15th.

MARION COUNTY—J. L. HALLAM, Observer, Centralia. Highest temperature, 93°, on the 6th; lowest, 50°, on the 2d; range, 43°; greatest daily range, 27°, on the 5th; least daily, 6°, on the 15th and 27th; mean daily range, 16°; mean maximum temperature 84°; mean minimum, 68°. The mean temperature of the month was 73°. The precipitation, 6.99 inches, was 1.19 inches above the average for the past five years, falling on eight days, viz: 7th, 9th, 15th, 16th, 22d, 24th, 26th and 27th. Prevailing direction of the wind, S.E. There were 11 clear, 5 fair and 14 cloudy days. Thunderstorms on the 7th, 16th and 26th. The rainfall in the last six years was as follows: 1883, 8.47 inches; 1884, 5.00 inches; 1885, 9.30 inches; 1886 3.89 inches; 1887, 2.34 inches; 1887, 6.99 inches.

MARSHALL COUNTY—Rev. A. C. PRICE, Observer, Lacon. Highest barometer, 29.85, on the 7th; lowest, 29.30, on the 22d; mean, 29.529; range, .55. Highest temperature, 93°, on the 18th; lowest, 48°, on the 2d; range 45°; greatest daily range, 25°, on the 3d; least, 3°, on the 19th; mean daily range, 14°.9. The mean temperature of the month was 73°.65. The precipitation was 2.26 inches, falling on seven days, viz: 15th, 18th, 19th, 21st, 22d, 26th and 27th. Prevailing direction of the wind, S.&S.E. There were 14 clear, 7 fair and 9 cloudy days. Thunderstorms on the 26th and 27th. Light frost on the 3d. Fog on the 23d. 17-year locusts made their appearance about the 10th, numerous only in places. Some places they are very few. Potatoes in bloom and first ripe strawberries on the 5th. Catalpas in bloom on the 16th. The month has been remarkable for its slight electrical disturbances.

MCHEMRY COUNTY—JOHN W. JAMES, Observer, Riley. Highest temperature, 78° 8, on the 18th; lowest, 39° 2, on the 2d; range, 48° 6; greatest daily range, 31° 2, on the 8th. The mean temperature of the month, 66° 7, was 0° 1 above the normal for the past twenty-seven years. The precipitation, 0.81 of an inch, was 3.17 inches below the normal for the past twenty-seven years, falling on eight days, viz: 1st, 13th, 14th, 17th, 19th, 24th and 27th. Prevailing direction of the wind, S.W. There were 10 clear, 12 fair and 8 cloudy days. Solar halos on the 5th, 7th, 11th, 12th, 15th, 19th, 26th and 30th. Thunderstorms on the 21st (two of them). Polar bands on the 7th, 15th and 19th. In twenty-seven years only June, 1883, was drier. Rain greatly needed at the end of the month. The cicada septemdecima (often called the 17-year locust) appeared about the 5th or 6th; from about the 15th to 25th they were on us in countless myriads, filling the air with their whirling music. After the 26th they were diminishing in numbers, though still quite plenty at the end of the month.

MERCER COUNTY—TYLER MCWHORTER, Observer, Aledo. Highest temperature, 96°, on the 18th; lowest, 42°, on the 3d; range, 54°; greatest daily range, 34°, on the 11th; least daily, 6°, on the 10th. The precipitation, 4.33 inches, was 1.07 inches below the normal for the past twelve years, falling on nine days, viz: 1st, 5th, 9th, 15th, 19th, 20th, 21st, 26th and 27th. Prevailing direction of the wind, S.E. There were 9 clear, 10 fair and 11 cloudy days.

MORGAN COUNTY—P. J. HASENSTAB, Observer, Institute for the Deaf, Jacksonville. Highest barometer, 30.129, on the 30th; lowest, 29.618, on the 27th; mean, 29.882; range, 0.511. Highest temperature, 88° 9, on the 14th; lowest, 44° 9, on the 3d; range, 44°; greatest daily range, 24° 9, on the 7th; least daily, 7° 3, on the 28th; mean daily range, 16° 6; mean maximum temperature, 79° 3; mean minimum, 62° 7. The mean temperature of the month was 71° 5. The precipitation was 4.21 inches, falling on ten days, viz: 5th, 7th, 8th, 9th, 15th, 19th, 21st, 22d, 26th and 27th. Mean relative humidity, 79 per cent. Prevailing direction of the wind, S.E.; total movement, 4,491 miles; maximum velocity, 28 miles from the S., on the 8th. There were 7 clear, 9 fair and 14 cloudy days. Solar halos on the 19th and 20th. Thunderstorms on the 6th, 7th, 14th, 15th, 17th, 20th, 21st and 26th.

OGLE COUNTY—WM. FEARY, Observer, Mt. Morris. Highest temperature, 94°, on the 18th and 30th; lowest, 50°, on the 1st and 11th; range, 44°; greatest daily range, 28°, on the 11th; least, 7°, on the 27th; mean daily range, 17° 04; mean maximum temperature, 80° 05; mean minimum, 63° 03. The mean temperature of the month was 71° 07. Rain fell on five days, viz: 17th, 18th, 20th, 21st and 27th. Prevailing direction of the wind, S.W.; maximum velocity strong, from the S.W., on the 9th and 10th. There were 14 clear, 7 fair and 9 cloudy days. Solar halos on the 7th and 8th; lunar on the 14th and 17th. Thunderstorms on the 18th, 19th and 20th. Fog on the 23d. Rainbows on the 15th, 20th and 24th. A whirlwind struck part of Oregon on the 18th, uprooting some trees. Lightning struck two houses and four telephone poles. No one hurt—lasting only a few seconds.

PEORIA COUNTY—DR. FRED BRENDL, Observer, Peoria. Highest barometer, 29.785, on the 7th; lowest, 29.272, on the 27th; mean, 29.513; range, 0.513. Highest temperature, 94° 0, on the 14th; lowest, 46° 0, on the 2d; range, 48° 0; greatest daily range, 27°, on the 4th and 5th; least, 10° 0, on the 28th; mean daily range, 20° 2; mean maximum temperature, 83° 9; mean minimum, 63° 7. The mean temperature of the month, 74° 4, was 0° 9 above the normal for the past 32 years. The precipitation, 1.84 inches, was 2.04 inches below the normal for the past 32 years, falling on nine days, viz: 1st, 9th, 12th, 18th, 20th, 21st, 24th, 26th and 27th. Mean relative humidity, 72 per cent. Prevailing direction of the wind, E.; maximum velocity, 45 miles from the S., on the 8th. There were 7 clear, 16 fair and 7 cloudy days. Thunderstorms on the 9th, 12th, 18th, 21st and 26th. The highest temperature at this station during June, in 32 years, was 101°, in 1887, and the lowest 35° 5, in 1859. The greatest rainfall was 11.18 inches, in 1882, the least was 0.45 inches, in 1863. Catalpa pispocia in bloom on the 8th, catalpa bignonioidis on the 24th.

PLATT COUNTY—J. W. C. GRAY, Observer, Atwood. Highest temperature, 88°, on the 17th and 18; lowest, 40°, on the 2d; range, 48°. The mean temperature of the month, 62° 1. The precipitation, 5.67 inches, falling on seven days, viz: 15th, 21st, 22d, 23d, 25th, 27th and 28th. There were 12 clear, 5 fair and 13 cloudy days. Solar halos on the 6th, 8th, 12th, 15th, 14th, 15th, 16th, 18th, 23d, 25th and 26th. Lunar on the 23d and 25th. There was fog on the 16th and 23d; Strong wind on the 15th and 21st; heavy thunder on the 15th, 17th, 18th, 19th and 20th. Forked and zigzag lightning on the 18th and 20th; diffuse on the 15th, 17th and 18th. The month was variable, with the latter part cold and wet. The prevailing direction of the wind was from the north.

PIKE COUNTY—C. H. OAKFORD, Observer, Griggsville. Highest temperature, 90° 0°, on the 14th; lowest, 43°, on the 2d; range, 47°; greatest daily range, 30°, on the 7th; least daily, 6°, on the 1st. The mean temperature of the month was 70° 6. The precipitation was 9.77 inches, falling on ten days, viz: 7th, 8th, 9th, 15th, 19th, 20th, 21st, 22d, 23d and 27th. Prevailing direction of the wind, S.E. There were 6 clear, 12 fair and 12 cloudy days. The following heavy rainfalls occurred during the month: 1.10 inches on the 16th, 1.75 inches on the 19th, 1.50 inches on the 21st, 1.80 inches on the 22d, and 2.12 inches on the 27th.

POPE COUNTY—J. E. Y. HANNA, Observer, Golconda. Highest temperature, 92°, on the 6th; lowest, 58°, on the 3d; range, 34°; greatest daily range, 19°, on the 5th; least daily, 2°, on the 18th and 20th. The mean temperature of the month, 73°.6, was 8° below the normal for the past ten years. The precipitation, 7.00 inches, was 2.64 inches above the normal for the past ten years, falling on thirteen days, viz: 1st, 7th, 8th, 9th, 15th, 16th, 18th, 20th, 21st, 22d, 23d, 25th and 27th. There were 9 clear, 15 fair and 6 cloudy days. The prevailing winds were from S.W., W. & E. Gale from S.E. at 3:30 p.m. on the 8th.

PUTNAM COUNTY—A. T. PURVIANCE, Observer, Hennepin. Highest temperature, 93°, on the 19th; lowest, 39°, on the 2d and 3d; range, 54°.0; greatest daily range, 39°, on the 13th; least, 18°, on the 28th; mean daily range, 27°.6; mean maximum temperature, 82°.7; mean minimum, 55°.1. The mean temperature of the month was 68°.9. The precipitation was 2.29 inches, falling on six days, viz: 1st, 19th, 21st, 22d, 27th and 28th. Prevailing direction of the wind, S. There were 12 clear, 3 fair and 15 cloudy days.

RANDOLPH COUNTY—W. J. S. CATHCART, Observer, Jordan's Grove. Highest temperature, 92°, on the 6th; lowest, 43°, on the 3d; range, 49°; greatest daily range, 32°, on the 4th; least, 4°, on the 28th; mean daily range, 16°.6; mean maximum temperature, 81°.9; mean minimum, 65°.3. The mean temperature of the month, 73°.5, was 4°.3 below that of June, 1887. The precipitation, 7.23 inches, was 4.96 inches above that of June, 1887, falling on ten days, viz: 1st, 8th, 9th, 15th, 16th, 19th, 20th, 22d, 23d and 24th. Prevailing direction of the wind, S.W.; maximum velocity high from the S.W., on the 13th. There were 11 clear, 11 fair and 8 cloudy days. Parhelia on p.m. of the 27th. Thunderstorms on the 7th, 8th, 9th, 15th, 16th, 19th and 24th. Rainbow in the east on the 23d, and one in the west on a.m. of the 27th. Distant thunder on the 6th, 17th, 18th, 20th, 26th and 27th. 3.39 inches of rain fell on the 16th from 3 a.m. till 12 m.

RICHLAND COUNTY—MISS. CLEMINTINE FAHS, Observer, Olney. Highest temperature, 94°, on the 19th; lowest, 50°, on the 3d; range, 44°; greatest daily range, 26°, on the 9th; least, 5°, on the 28th; mean minimum, 16°. The mean temperature of the month was 74°. The precipitation was 4.41 inches, falling on seven days, viz: 7th, 8th, 9th, 16th, 20th, 26th and 27th. Prevailing direction of the wind, S.E. There were 10 clear, 6 fair and 14 cloudy days. Lunar halos on the 17th, 18th, 22d and 24th. Thunderstorms on the 9th, 16th, 20th, 21st, 22d, 26th and 27th.

ROCK ISLAND COUNTY—J. M. FITZGERALD, Observer, Davenport. Highest barometer, 30.200, on the 30th; lowest, 29.620, on the 20th; mean, 29.909; range, 0.580. Highest temperature, 88°.0, on the 18th; lowest, 46°.4, on the 2d; range, 41°.6; greatest daily range, m°.4, on the 7th; least, 10°.8, on the 20th; 23ean daily range, 16°.8; mean maximum temperature, 78°.5; mean minimum, 61°.7. The mean temperature of the month, 69°.6, was 0°.9 below the normal for the past sixteen years. The precipitation, 3.86 inches, was 0.30 of an inch below the normal for the past sixteen years, falling on fourteen days,

viz: 1st, 5th, 6th, 8th, 9th, 15th, 17th, 18th, 19th, 20th, 21st, 22d, 23th and 27th. Mean relative humidity, 72.0 per cent. Prevailing direction of the wind, S.; total movement, 5586 miles; maximum velocity, 50 miles from the S., on the 8th. There were 13 clear, 13 fair and 4 cloudy days.

SANGAMON COUNTY—JOHN CRAIG, Observer, Signal Corps, Springfield. Highest barometer, 30.210, on the 30th; lowest, 29.690, on the 27th; mean, 29.945; range, 0.520. Highest temperature, 88°.1, on the 18th; lowest, 43°, on the 3d; range, 46°.1; greatest daily range, 27°.5, on the 5th; least daily, 9°.5, on the 16th; mean daily range, 17°.9; mean maximum temperature, 79°.1; mean minimum, 61°.1. The mean temperature of the month, 69°.8, was 1°.7 below the normal for the past eight years. The precipitation, 5.50 inches, was 0.23 of an inch below the normal for the past eight years, falling on ten days, viz: 8th, 9th, 15th, 16th, 17th, 21st, 22d, 26th, 27th and 28th. Mean relative humidity, 73°.5 per cent. Prevailing direction of the wind, S.; total movement, 4,568 miles; maximum velocity, 32 miles from the S.W., on the 8th. There were 5 clear, 15 fair and 10 cloudy days. Solar halos on the 8th, 9th, 19th, 21st, 22d, 26th and 27th. Distant lightning on the 5th, 6th, 8th, 14th, 15th, 17th, 18th and 20th.

SHELBY COUNTY—A. H. HATCH, Observer, Windsor. Highest barometer, 30.264, on the 7th; lowest, 29.667, on the 27th; mean, 29.967; range, 0.597. Highest temperature, 91°.6, on the 7th; lowest, 40°.3, on the 3d; range, 51°.3; greatest daily range, 33°.2, on the 7th; least daily, 7°, on the 28th; mean daily range, 20°.1; mean maximum temperature, 85°.4; mean minimum, 65°.3. The mean temperature of the month, 71°.1, was 2°.8 below the normal for the past four years. The precipitation, 7.09 inches, was 4.92 inches above the normal for the past four years, falling on thirteen days, viz: 7th, 9th, 15th, 16th, 17th, 20th, 21st, 22d, 23d, 25th, 26th, 27th and 28th. Mean relative humidity, 74°.4 per cent. Prevailing direction of the wind, S.; total movement, 4,919 miles; maximum velocity, 45 miles from the W., on the 21st. There were 9 clear, 13 fair and 8 cloudy days. Thunderstorms on the 7th, 9th, 20th, 21st, 22d, 25th and 27th. The rainfall of the 27th was the heaviest in ten years.

ST. CLAIR COUNTY—DR. G. LEIBROCK, Observer, Mascoutah. Highest temperature, 90°.0, on the 5th and 6th; lowest, 44°.0, on the 3d; range, 46°.0; greatest daily range, 40°.0, on the 5th; least, 6°.0, on the 9th and 27th; mean daily range, 14°.5; mean maximum temperature, 81°.3; mean minimum, 66°.8. The mean temperature of the month was 74°.0. The precipitation was 8.70 inches. Thunderstorms on the 6th, 7th, 8th, 9th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22d, 23d, 24th, 25th, 26th and 27th.

ST. CLAIR COUNTY—V. P. CHAPPEL, Observer, Signal Corps, St Louis, Mo. Highest barometer, 30.160, on the 7th; lowest, 29.650, on the 27th; mean, 29.931; range, 0.510. Highest temperature, 89°.5, on the 5th and 7th; lowest, 50°, on the 2d and 3d; range, 39°.5; greatest daily range, 29°.2, on the 5th; least daily, 10°.8, on the 10th and 16th; mean daily range, 17°.5; mean maximum temperature, 82°.4; mean minimum,

65°. The mean temperature of the month, 73°.2, was 1°.4 below the normal for the past sixteen years. The precipitation, 8.09 inches, was 3.12 inches above the normal for the past sixteen years, falling on fourteen days, viz: 1st, 7th, 8th, 9th, 15th, 16th, 19th, 21st, 22d, 23d, 24th, 25th, 26th and 27th. Mean relative humidity, 70.4 per cent. Prevailing direction of the wind, S.; total movement, 6,955 miles; maximum velocity, 42 miles from the W., on the 21st. There were 8 clear, 17 fair and 5 cloudy days. The rainfall was only once exceeded in sixteen years—in 1873, when it was 10.84 inches.

STEPHENSON COUNTY—JOHN WRIGHT, Observer, Cedarville. Highest temperature, 89°, on the 15th; lowest, 49°, on the 2d; range, 40°; greatest daily range, 24°, on the 11th; least daily, 1°, on the 19th. The mean temperature of the month, 67°.7, was 1° 9 below the mean of the past two years. The precipitation was 1.93 inches, falling on six days, viz: 13th, 14th, 19th, 20th, 21st and 27th. Prevailing direction of the wind, S. There were 16 clear, 5 fair and 10 cloudy days. Solar halo on the 30th. Thunderstorms on 13th, 14th, 19th, 20th, 21st and 27th. The weather for this month has been very favorable for all the crops and the prospect now is that there will be plenty for both man and beast. Frost on the 2d.

TAZEWELL COUNTY—REV. J. E. TERBORG, Observer, Pekin. Highest barometer, 30.397, on the 7th; lowest, 29.876, on the 27th; mean, 30.112; range, 0.521. Highest temperature, 97°, on the 14th; lowest, 41°, on the 3d; range, 56°; greatest daily range, 35°, on the 3d; least daily, 5°, on the 10th; mean daily range, 22°; mean maximum temperature, 83°; mean minimum, 60°. The mean temperature of the month, 72°.47, was 1°.57 below the normal for the past three years. The precipitation, 2.65 inches, was 1.71 inches below the normal for the past seven years, falling on six days, viz: 1st, 21st, 22d, 24th, 27th and 28th. Mean relative humidity, 80.4 per cent. Prevailing direction of the wind, S.W.; maximum velocity, 30 miles from the S.W., on the 5th. There were 11 clear, 9 fair and 10 cloudy days. Aurora on the 12th, 24th and 25th. Lunar halo on the 13th. Meteors on the 4th and 30th. Polar bands on the 4th and 7th. Thunderstorms on the 5th, 9th, 21st and 18th. Lightning without thunder on the 13th. Sandstorms on the 4th, 5th and 8th. Sunshine, 47 per cent. Mean dewpoint, 67°. Average sunheat, 98°. Illinois river reaching 8 feet, 4 inches above low water on the 4th, 6½ feet on the 11th, 3½ feet on the 25th. A cloud burst occurred two miles N.E. of this city and whole fields of grain flooded. Winds followed by rain, N.W., E., S.E. and S.W. Winds followed by clear or fair weather, N.W., E., S.E. and S.W. Weather predictions verified 96 per cent.

WASHINGTON COUNTY—A.G. TUCKER, Observer, Richview. Highest barometer, 30.107, on the 6th; lowest, 29.601, on the 27th; mean, 29.911; range, 0.506. Highest temperature, 89°, on the 7th; lowest, 42°, on the 3d; range, 47°; greatest daily range, 30°.3, on the 5th; least daily, 1°.7, on the 15th; mean daily range, 17°.4; mean maximum

temperature, 80°.5; mean minimum, 63°.1. The mean temperature of the month, 71°.9, was 0°.5 below the normal for the past three years. The precipitation, 6.54 inches, was 2.10 inches above the normal for the past three years, falling on thirteen days, viz: 1st, 7th, 8th, 9th, 15th, 16th, 17th, 21st, 23d, 24th, 25th, 26th and 27th. Mean relative humidity, 78.1 per cent. Prevailing direction of the wind S.E.; maximum velocity, 5 miles from the S.W., on the 7th. There were 10 clear, 14 fair and 6 cloudy days. Thunderstorms on the 7th, 8th, 9th, 15th and 16th. Fog on the 24th and 29th.

WAYNE COUNTY—JACOB HALL, Observer, Fairfield. Highest temperature, 94°, on the 3d and 4th; lowest, 74°, on the 1st and 5th; range, 20°; greatest daily range, 18°, on the 3d; least daily, 6°, on the 4th. The mean temperature of the month, 77°.5, was 0°.3 below the normal for the past six years. The precipitation, 12-100 of an inch, was 26-100 of an inch below the normal for the past six years, falling on one day, viz: 3d. There were 10 clear, 14 fair and 6 cloudy days. The corn and oats promise an average yield or a shade above for the last 12 years. Vegetation of all kinds is making a rapid growth. Some complaint of chinch-bugs.

WILL COUNTY—MISS ANNA B. NASH, Observer, Joliet. Highest temperature, 98.0°, on the 16th; lowest, 45°, on the 2d and 3d; range, 53°; greatest daily range, 36°, on the 5th; least daily, 11°, on the 27th; mean daily range, 23°.3; mean maximum temperature, 83°; mean minimum, 59°.7. The mean temperature of the month was 63°.7. The precipitation was 1.70 inches, falling on three days, viz: 17th, 23d and 28th. Prevailing direction of the wind, S.W. There were 5 clear, 16 fair and 9 cloudy days.

WINNEBAGO COUNTY—JOHN BUDLONG, Observer, Rockford. Highest barometer, 29.510, on the 7th; lowest, 29.000, on the 20th; mean, 29.21; range, 0.510. Highest temperature, 91°, on the 21st; lowest, 50°, on the 2d; range, 41°; greatest daily range, 17°, on the 8th; least daily, 5°, on the 3d; mean daily range, 59°. The mean temperature of the month was 72°. The precipitation was 3.25 inches, falling on two days, viz: 15th and 20th. Prevailing direction of the wind, S.W. There were 11 clear, 5 fair and 14 cloudy days. Solar halo on the 2d. Frost on the 2d.

WINNEBAGO COUNTY—FRANK OSBORN, Observer, Winnebago. Highest temperature, 97°, on the 16th; lowest, 32°, on the 1st and 2d; range, 65°; greatest daily range, 21°, on the 29th; least, 5°, on the 27th. The mean temperature of the month was 70°.7. The precipitation was 1.13 inches, falling on six days, viz: 13th, 14th, 18th, 20th, 21st and 27th. Prevailing direction of the wind S & S.W. There were 8 clear, 11 fair and 11 cloudy days. Solar halos on the 6th and 7th. Thunderstorms on the 13th, 14th, 20th and 21st. The cicada were first seen June 9th. They are puncturing the branches and young sprouts of the trees, which are now dying and breaking off.

SCHOOL REPORTS.

The complete June Reports received are as follows:

FORD COUNTY, JNO. LOWRY, Observer, Gibson City. Highest temperature, 90°.0, on the 13th and 14th; lowest, 46°.0 on the 2d; range, 44°.0. The mean temperature of the month was 68°.3. The precipitation was 5.25 inches, falling on seven days, viz: 1st, 9th, 17th, 18th, 19th, 21st and 27th. Prevailing direction of the wind, S.W. There were 11 clear, 8 fair and 11 cloudy days.

LIVINGSTON COUNTY, H. D. FISK and WM. MCGONIGAL, Observers, Dwight. Highest temperature, 92°.8, on the 19th; lowest, 38°.0, on the 3d; range, 54°.8; greatest daily range, 35°.4, on the 3d; least, 7°.3, on the 10th; mean daily range, 24°.0; mean maximum temperature, 82°.2; mean minimum, 53°.2. The mean temperature of the month was 90°.2. The precipitation was 2.10 inches, falling on nine days, viz: 1st, 9th, 13th, 15th, 16th, 18th, 19th, 21st and 27th. Prevailing direction of the wind, S.E. There were 9 clear, 12 fair and 9 cloudy days. Thunderstorms on the 8th, 13th, 17th and 18th. Hail on the 13th.

PERRY COUNTY, CHAS. ZIEGLER, Observer, Old DuQuoin. Highest temperature, 97°.0, on the 6th; lowest, 50°.0, on the 1st; range, 47°.0; greatest daily range, 38°.0, on the 4th; least, 7°.0, on the 15th; mean daily range, 21°.5; mean maximum temperature, 87°.1; mean minimum, 65°.6. The mean temperature of the month was 76°.3. The precipitation was 8.10 inches, falling on eleven days, viz: 6th, 7th, 9th, 15th, 16th, 17th, 18th, 20th, 23d, 26th and 27th. Prevailing direction of the wind, S. There were 11 clear, 12 fair and 7 cloudy days. Thunderstorms on the 7th, 8th, 9th, 17th, 18th, 20th, 21st, 22d, 23d, 26th and 27th.

SCOTT COUNTY, WM. GAY, Observer, Winchester. Highest temperature, 92°.2, on the 7th; lowest, 38°.0, on the 2d; range, 54°.0; greatest daily range, 37°.0, on the 2d; least, 11°.0, on the 28th; mean daily range, 23°.7; mean maximum temperature, 84°.1; mean minimum 60°.4. The mean temperature of the month was 73°.5. The precipitation was 9.19 inches, falling on nine days, viz: 7th, 8th, 9th, 15th, 19th, 21st, 22d, 23d and 27th. Prevailing direction of the wind, S. There were 6 clear, 14 fair and 10 cloudy days. Thunderstorm very severe on the 27th.

ST. CLAIR COUNTY, AUG. GIERSCHNER, Observer, New Athens. Highest temperature, 95°, on the 14th; lowest, 56°, on the 2d; mean, 75°.80. Rain fell on the 1st, 6th, 7th, 8th, 9th, 15th, 16th, 19th, 21st, 23d, 24th and 27th; total precipitation of rain, 5.55 inches. Thunder on the 6th, 7th, 8th, 15th, 16th, 17th, 24th and 27th. Prevailing direction of the wind, S.&S.W. There were 2 clear, 12 fair and 16 cloudy days. Wheat in this section was

nearly all cut at the end of the month: it made only about one-fourth of a crop, but the grain is good. The abundance of rain (over 5½ inches during June) well divided out, together with the warm weather, caused oats, which during May looked like they would be a failure, to grow vigorously; they stand splendidly and are beginning to ripen, and will give our farmers a bountiful yield. Corn so far also stands well, and most of it has far advanced in growth, and although most cornfields are full of chinch bugs it is believed that the rapid growth of the corn will counteract the destructive work of the bugs. Timothy did not do well this season, and will be scarce. Potatoes will yield an immense crop. Those growing in open ridges do much better this season than those covered with straw. New potatoes are brought to market now in abundance; also apples and peaches, of which a good crop is expected. Grapes are somewhat suffering by rot. All kinds of garden vegetables grow as well as can be desired. No serious damage was done to any crop during the month by wind, hail or rain.

TAZEWELL COUNTY, C. L. FARRINGTON, Observer, Brush Hill. Highest temperature, +98°, on the 30th; lowest, +49°, on the 2d; range, 49°; greatest daily range, 28°, on the 30th; least, 5°, on the 19th; mean daily range, 13°.4. The mean temperature of the month was +73°.6. The precipitation was 3.43 inches, falling on nine days, viz: 1st, 6th, 9th, 18th, 21st, 24th, 26th, 27th and 28th. Prevailing direction of the wind, from S.E. to N.W. There were 14 clear, 4 fair and 12 cloudy days. Thunderstorms on the 6th, 15th, 18th, 21st, 24th, 26th and 27th. Lightning without thunder on the 16th, 17th and 20th. 17-year locusts appeared on the 6th, and remain in countless numbers at the end of the month. Thousands have been killed and partially eaten by some insect. They have done but little damage, mostly to young apple trees, the punctured limbs of which are dying.

COMPARATIVE MEAN TEMPERATURE AND PRECIPITATION FOR JUNE, 1888.

STATIONS.		MEAN TEMPERATURE, Deg. Fahrenheit.				PRECIPITATION, Inches and hundredths.			
		Normal.	No. of years.	June, 1888.	Departure + or -.	Normal.	No. of years.	June, 1888.	Departure + or -.
NORTHERN DIVISION.									
<i>County.</i>	<i>Place.</i>								
Lake	Lake Forest	65.8	3	66.6	+0.8	1.05	2	2.68	+1.63
McHenry	Riley	66.6	27	66.7	+0.1	3.98	27	0.81	-3.17
Stephenson	Cedarville	69.6	2	67.7	-1.9	1.74	2	1.93	+0.19
Cook	Chicago	65.7	16	67.4	+1.7	3.99	16	1.66	-2.33
Kane	Aurora	69.7	9	69.4	-0.3	2.92	9	0.98	-1.94
DeKalb	Sycamore	67.1	8	67.0	.00	5.18	8	1.27	-3.91
Kendall	Oswego	68.1	8	68.1	.00	3.72	8	1.29	-2.43
Rock Island	Davenport, Ia.	70.5	16	69.6	-0.9	4.16	16	3.86	-0.30
Peoria	Peoria	73.5	32	74.4	+0.9	3.88	32	1.84	-2.04
Iroquois	Watseka	70.1	4	69.9	-0.2	3.33	4	4.43	+1.10
Knox	Oneida	72.4	3	70.4	-2.0	3.27	3	4.10	+0.83
Lee	Prairieville								
CENTRAL DIVISION.									
Tazewell	Pekin	74.1	3	72.5	-1.6	4.36	7	2.65	-1.71
Hancock	Keokuk, Iowa	72.2	16	70.3	-1.9	5.19	16	5.42	+0.23
Champaign	Philo	69.4	4	71.3	+1.9	4.31	4	5.11	+0.80
Sangamon	Springfield	71.5	8	69.8	-1.7	5.73	8	5.50	-0.23
Coles	Mattoon	72.6	8	73.0	+0.4	4.58	8	8.25	+3.67
Christian	Pana	68.8	3	65.2	-3.6	4.61	5	8.74	+4.13
Shelby	Windsor	73.9	4	71.1	-2.8	2.17	4	7.09	+4.92
Greene	White Hall	74.7	3	74.7	.00	4.79	3	5.41	+0.62
SOUTHERN DIVISION.									
Bond	Greenville	74.0	10	71.8	-2.2	6.38	6	6.52	+0.14
Madison	Collinsville	72.3	9	71.6	-0.7	5.92	6	8.97	+3.05
Lawrence	Sumner	73.0	2	75.0	+2.0	6.10	2	2.90	-3.20
Clay	Flora	71.0	3	73.0	+2.0	5.37	3	4.83	-0.54
Clinton	Irishtown	73.3	3	72.2	-1.1	5.38	3	7.59	+2.21
St. Clair	St. Louis, Mo.	74.6	16	73.2	-1.4	4.97	16	8.09	+3.12
Washington	Richview	72.4	3	71.9	-0.5	4.44	3	6.54	+2.10
Hamilton	McLeansboro	73.8	6	73.8	.00	5.07	6	5.83	-0.76
Pope	Golconda	74.4	10	73.6	-0.8	4.36	10	7.00	+2.64
Alexander	Cairo	75.1	16	72.9	-2.2	4.41	16	.48	+1.07
Wayne	Fairfield								

SOUTHERN DIVISION.

[illegible]

SOUTHERN DIVISION.

[illegible]

METEOROLOGICAL REPORT.

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66	Marshall	66	70	76	75	63	55	71	80	75	80	79	80	79	80	82	77	73	74	74	74	69	66	71.5		
	Henderson																							73.6		
58	Warren	58	61	71	65	60	59	58	75	78	74	73	76	76	76	75	71	69	69	70	72	64	65	61.65		
	Livinston																							66.9		
62	Livinston	62	70	74	80	77	66	73	81	84	79	81	84	80	81	83	78	77	74	75	76	71	68	67.77		
	Peoria																							74.4		
58	Iroquois	58	66	70	73	63	59	69	76	78	71	79	78	79	82	79	78	75	72	75	71	66	62	68.1		
	Waseka																							69.9		
	Mean																							69.1		
CENTRAL DIVISION.																										
59	Tazewell	59	68	77	70	72	78	77	65	66	70	80	81	77	78	81	80	78	81	74	74	69	68	67	72.5	
	Pekin																							67.67		
	Fairview																							77		
59	Vermon	59	62	70	69	75	74	64	73	70	78	74	79	79	77	78	76	77	75	78	75	72	66	62	67.76	
	Hoopeson																							68.3		
59	Ford	59	64	71	66	70	74	74	63	65	69	71	75	78	79	77	79	68	72	73	72	69	70	65	66.74	
	Gibson City																							70.3		
56	Hancock	56	72	69	69	74	73	64	68	74	75	74	77	75	73	74	73	72	72	72	72	68	63	68	67.1	
57	Champaign	57	60	71	66	70	73	71	64	60	66	76	73	74	80	78	79	78	74	69	70	72	68	62	70.70	
	Mahomet																							69.2		
56	Logan	56	62	71	66	70	73	66	62	67	76	79	72	74	80	78	79	78	74	71	69	70	72	68	62	
	Beason																							71.3		
59	DeWitt	59	66	74	72	70	69	70	65	64	63	76	81	75	77	80	80	82	77	76	73	77	69	64	72.73	
	Wapella																							71.3		
	Champaign																									
	Philos																									
	Gass																									
57	Adams	57	62	74	72	71	73	71	64	65	67	75	77	70	71	77	78	76	70	69	72	72	73	67	64	71.73
	Payson																									
59	Sangamon	59	60	66	75	71	72	73	74	64	67	71	78	79	74	78	81	76	81	75	74	73	72	68	64	74.75
	Springfield																									
53	Morgan	53	59	64	66	70	72	77	59	66	66	75	80	67	74	78	73	78	75	73	72	73	70	67	54	76
	Griggsville																									
60	Edgar	60	52	56	64	74	72	71	75	73	66	62	67	76	79	82	84	76	73	72	71	71	72	68	65	69
	Paris																									
62	Scott	62	56	62	66	78	75	74	75	76	68	67	77	79	80	76	82	77	79	75	74	78	79	71	67	76
	Winchester																									
	Macoupin																									
58	Shelby	58	58	62	76	75	72	75	71	65	63	69	75	80	76	72	78	80	80	77	74	76	73	75	63	70
	Virden																									
59	Coles	59	50	59	64	81	75	76	77	75	69	64	69	76	79	77	78	80	84	78	75	78	76	68	71	75
	Mattoon																									
64	Greene	64	60	68	67	77	72	71	74	68	72	76	79	80	74	78	77	82	78	76	79	76	75	66	79	76
	White Hall																									
54	Christian	54	47	52	58	72	66	66	67	60	59	64	71	72	68	62	73	76	68	68	66	68	64	58	63	66
	Pana																									
	Clark																									
	Martinsville																									
	Louisana, Mo																									
	Pike																									
	Kampville																									
59	Calhoun	59	67	78	70	74	78	73	65	66	73	78	82	78	79	87	80	80	82	79	76	75	72	71	66	76
	Tazewell																									
	Brush Hill																									
	Mean																									
SOUTHERN DIVISION.																										
65	Crawford	65	57	60	66	76	75	74	76	69	67	70	76	80	76	75	78	82	81	80	77	76	75	78	66	72
	Palestine																									
	Fayette																									
	Vandalia																									
62	Effingham	62	54	59	65	76	77	73	71	67	64	69	78	78	72	71	76	80	78	78	76	73	72	76	66	72
	Eberle																									
	Greenville																									
	Lawrence																									
66	Richland	66	68	56	61	68	76	78	77	72	66	69	78	78	72	78	84	83	84	80	79	84	81	76	67	73
	Olney																									
	Clay																									
	Flora																									
64	St. Clair	64	59	62	76	66	79	75	71	75	70	68	71	79	75	72	77	78	80	79	74	75	73	78	67	75
	St. Louis, Mo																									
	Collinsville																									
	Mean																									

BAROMETER FOR JUNE, 1888.

STATIONS.	Mean.	Highest.	Date.	Lowest.	Date.	Range.
NORTHERN DIVISION.						
Lake Forrest.....	29.789	30.288	7	29.514	21, 22	0.774
Chicago.....	29.924	30.260	7	29.690	10	0.570
Aurora.....	29.874	30.185	7	29.653	10	0.532
Prairieville.....	30.016	30.230	29	29.760	21	0.468
Oswego.....	29.529	29.850	7	29.300	22	0.550
*Lacon.....	29.513	29.785	7	29.272	27	0.513
*Peoria.....	29.923	30.221	7	29.670	27	0.551
Watseka.....	29.909	30.200	30	29.620	29	0.580
Kankakee.....						
Davenport, Ia.....						
Wataga.....						
*Warren.....						
*Rockford.....	29.210	29.510	7	29.000	20	0.510
Mean.....	29.906					
CENTRAL DIVISION.						
Pekin.....	30.112	30.392	7	29.876	27	0.521
Keokuk, Ia.....	29.889	30.150	6, 7	29.630	21	0.520
*Hoopeston.....						
Springfield.....	29.945	30.210	30	29.690	27	0.520
Griggsville.....						
Windsor.....	29.967	30.264	7	29.667	27	0.597
*Martinsville.....	29.332	29.550	7	29.000	27	0.550
Jacksonville.....	29.883	30.129	30	29.610	37	0.511
Philo.....	29.970	30.200	7	29.700	27	0.500
Mean.....	29.931					
SOUTHERN DIVISION.						
Vandalia.....	29.870	30.070	7	29.640	27	0.430
St. Louis Mo.....	29.931	30.160	7	29.650	27	0.510
Richview.....	29.911	30.107	6	29.601	27	0.506
Cairo.....	29.964	30.190	6	29.680	27	0.510
Mean.....	29.919					
State.....	29.918					

*Not corrected for elevation.

METEOROLOGICAL REPORT.

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[illegible]

Monthly Summary of Meteorological Reports—Continued.

PLACE OF OBSERVATION.	Altitude above sea —in feet.	Latitude N.	Longitude W.	TEMPERATURE.— <i>Deg. Fahr.</i>						PRECIPITATION.				NO. OF DAYS.			Prevailing direction of wind.	NAME OF OBSERVER.				
				Monthly mean.	Mean of Maximum.	Mean of Minimum.	Max.		Date.	Monthly range.	Mean daily range.	Total inches rain and melted snow.	Greatest daily.	Date.	Total snowfall.	On ground at end of month.			Clear.	Fair.	Cloudy.	On which .01 inch or more precip. fell.
							Degree.	Date.														
Irishtown.....	38 40	89 30	72.2	.....	.....	93.0	7	52.0	2	51.0	.....	.....	.....	.....	.....	10	11	9	16	.....	S.E.	Wm. Rogan.
Centralia.....	492	38 33	89 10	73.0	84.0	68.0	93.0	6	50.0	2	43.0	16.0	.....	.....	.....	11	5	14	8	.....	.....	J. L. Hallam.
Mascoutah.....	38 30	89 50	74.0	81.3	66.8	89.0	6	44.0	3	46.0	14.5	.....	.....	.....	.....	14	3	13	9	.....	S.	Dr. G. Leibrock.
Albion.....	38 24	88 6	73.4	.....	.....	103	18	52.0	2	51.0	.....	.....	.....	.....	.....	10	14	6	13	.....	S.E.	B. T. Michels.
Fairfield.....	530	38 20	88 20	77.5	.....	.....	94.0	8	42.0	3	47.0	17.4	.....	.....	.....	10	14	6	13	.....	S.E.	Jacob Hall.
Wayne.....	589	38 20	89 10	71.9	80.5	63.1	89.0	7	42.0	3	47.0	17.4	.....	.....	.....	2	12	16	8	.....	W.&S.W.	A. G. Tucker.
Washington.....	38 16	89 55	75.8	.....	.....	.....	95.0	14	56.0	2	59.0	.....	.....	.....	.....	11	11	8	10	.....	S.W.	August Gierschner.
New Athens. St. Clair.....	38 14	89 48	73.5	81.9	65.3	92.0	6	43.0	3	49.0	16.6	.....	.....	.....	.....	9	13	8	11	.....	S.W.	W. J. S. Cathcart.
Jordan's Grove. Randolph	38 7	89 35	73.8	88.1	69.6	98.0	19	45.0	4	53.0	18.5	.....	.....	.....	.....	10	12	8	7	.....	S.	Wm. P. Gibbs.
McLeansboro. Hamilton.....	38 2	88 56	73.7	.....	.....	.....	93.0	14	55.0	3	38.0	.....	.....	.....	.....	10	12	8	7	.....	.....	John McPherson.
Benton.....	37 46	88 35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	15	6	13	.....	S.W.	Grigg & Grace.
Harrisburg.....	37 25	88 25	73.6	.....	.....	.....	92.0	6	58.0	3	34.0	.....	.....	.....	.....	5	13	12	17	.....	S.	J. E. Y. Hanna.
Golconda.....	37 7	89 11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	10	10	10	.....	S.	Dr. B. C. Taber.
Pope.....	359	37 0	89 10	72.9	80.5	66.2	89.1	17	51.4	3	37.7	14.3	.....	.....	.....	10	10	10	10	.....	S.	C. L. Bozzell, S.S. Obs.
Mound City.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	10	10	10	.....	S.	.....
Alexander.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	10	10	10	.....	S.	.....
Means.....	.....	.....	.....	73.5	82.7	64.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	10	10	10	.....	S.	.....
State Averages.....	.....	.....	.....	71.3	81.6	62.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	10	10	10	.....	S.	.....

ILLINOIS STATE FAIR—OLNEY, SEPTEMBER 24-28, 1888.
AMERICAN HORSE SHOW—CHICAGO, NOVEMBER 13-24, 1888.
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 13-24, 1888.
AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 13-24, 1888.
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 13-24, 1888.

STATISTICAL REPORT

— OF THE —

ILLINOIS STATE BOARD OF AGRICULTURE,

— FOR —

JULY 1, 1888.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.,

— MADE TO THE —

Illinois Department of Agriculture.

CHARLES F. MILLS, SECRETARY,
Springfield.

CIRCULAR 141.

SPRINGFIELD, ILL.:
ILLINOIS STATE JOURNAL COMPANY.
1888.

Illinois State Board of Agriculture.

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ILLINOIS CROP REPORT,

—FOR—

JULY, 1888.

Synopsis of the Reports of Correspondents upon the Condition of the Growing
Crops, Etc.

ILLINOIS DEPARTMENT OF AGRICULTURE, }
SPRINGFIELD, July 1, 1888.

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of July.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to the Department.

A large number of the correspondents have been reporting to this Department during the past twelve years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality.

The State covers such an extended area from north to south (385 miles), and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of the crops.

CORN.

The condition of corn is about seven per cent. better than it was a month ago, and is quite as good as on the corresponding date last year. The condition of the crop in Northern Illinois promises 90 per cent, of an average yield per acre in the following counties, viz: Carroll, DeKalb and Stephenson, 90; Rock Island, 91; DuPage, McHenry and Ogle, 92; Whiteside, 93; Warren, 84; Grundy, Lake, Lee and Peoria, 95; Henderson and Knox, 97; Mercer 98; Stark, 99; Henry, 108.

There will be, with no unfavorable influences, an average or better yield per acre in the following counties of the Central Division: Cumberland, Moultrie, Scott and Shelby, 100; Jersey and Macon, 102; Greene and Montgomery, 103; Christian, 104; Vermilion, 111. In all the other counties in this section of the State, there will be upwards of 90 per cent of an average yield per acre excepting Calhoun, 88; DeWitt and Ford, 87; Mason 89.

The present condition of corn in the Southern Division indicates that there will be a full average yield per acre in all the counties excepting those named, viz: Bond and Clay, 96; Clinton, 95; Crawford, 86; Gallatin, 95; Johnson, 87; Lawrence, 95; Madison, 97; Pope, 93; Wabash, 80; Wayne, 92; White, 80.

The comparative area and condition of corn for a term of years is given in the following table.

DIVISION.	Area 1888, compared to 1887	Average condition June 1, '88	AVERAGE CONDITION JULY 1.						
			1888	1887	1886	1885	1884	1883	1882
Northern.....	99	82	90	99	93	88	100	80	64
Central.....	102	90	96	96	100	90	95	82	60
Southern.....	104	92	100	89	91	99	85	86	81

BROOM CORN.

Some attention is paid to broom corn in the majority of counties in the State.

The July 1 condition promises an average, or better, yield per acre in all except the following counties, viz: Alexander, 92; Boone, Bureau and Christian, 95; Clark, 93; Coles, 89; Crawford, 90; DeKalb, 80; Douglas, 93; Edgar, 94; Iroquois, 88; Jackson, 80; Knox, 88; Lake, 90; Lawrence, 80; Livingston, 70; Marshall and Mercer, 90; Morgan, 85; Pike, 97; Pope, 90; Richland, 97; Shelby, 96; White, 80; Will, 92; Winnebago, 70; Woodford, 80.

SORGHUM.

This crop is raised to some extent in nearly every county in the State. The prospect is encouraging for an average, or better, yield per acre in the following counties: Champaign, 100; Cook, 110; Effingham, 104; Fayette, 100; Henry, Jasper, Jefferson, Jersey, Knox, LaSalle, and Macon, 100; Marion, 102; Massac, 120; McHenry, McLean, Mercer, Monroe, Moultrie, Ogle, and Peoria, 100; Perry, 105; Piatt and Pulaski, 100; Randolph, 103; Sangamon, 105; Stark, 100.

In the remaining counties in the State there will be upwards of 75 per cent. of an average yield per acre.

WINTER WHEAT.

The winter wheat prospects are better throughout the State than last month. In the Northern Division a full average yield per acre may be expected in the following counties, viz: Boone, 102; Grundy, Jo Daviess and Rock Island, 100; Peoria, 112. In all the other counties in this Division except those named below, upwards of 75 per cent. of an average yield per acre may be expected: Kankakee, 72; Kendall, 70; Livingston, 63; Whiteside, 65.

In Central Illinois 72 per cent. of an average yield per acre may be expected, but in two counties, Hancock and Scott, there will be an average yield per acre. There will be 75 per cent., or better, of an average yield per acre in the following Central counties: Adams, 80; Brown, 75; Cass, 97; Christian, 75; DeWitt, 96; Fulton, 82; Greene, 79; Logan, 84; Mason, 87; McDonough, 84; McLean, 92; Menard, 85; Montgomery, 80; Morgan, 87; Piatt, 95; Sangamon, 80; Schuyler, 79; Tazewell, 86.

While there has been some improvement in winter wheat in the Southern Division, only 60 per cent. of an average yield per acre may be expected. In the following coun-

ties only will there be more than 75 per cent. of an average yield per acre: Alexander, 103; Hardin, 85; Jackson, 83; Lawrence and Madison, 77; Massac, 75; Perry, 78; Pulaski, 113; Randolph, 75.

The condition of winter wheat in each county in the State at corresponding date for a term of years is given in a table published elsewhere in this report.

The comparative condition of winter wheat from month to month this season, and the July condition for a term of years, are given in the following table:

DIVISION.	Condition 1888.		JULY CONDITION.						
	May	June	1888	1887	1886	1885	1884	1883	1882
Northern.....	77	84	87	81	100	68	94	87	104
Central.....	58	65	72	101	99	38	78	63	102
Southern.....	67	55	60	71	79	42	70	48	112

WHEAT HARVEST.

Harvest was later than usual this season, and many counties report that it had not commenced on July 1. The following are the dates of its beginning so far as reported:

June 10—Pope.

June 12—Pulaski.

June 13—White.

June 14—Alexander.

June 15—Crawford, Effingham, Lawrence, Perry and Williamson.

June 16—Massac.

June 18—Gallatin, Jackson, Jasper, Richland and Wayne.

June 20—Bond, Clinton, Fayette, Franklin, Greene, Hamilton, Johnson, Monroe, Shelby, Union and Washington.

June 21—Madison.

June 22—Randolph.

June 24—Clay.

June 25—Calhoun, Cass, Clark, Cumberland, Marion, McDonough, Montgomery, Morgan, Pike and St. Clair.

June 26—Adams, Macoupin and Marshall.

June 27—Christian, Coles, Jersey, Menard and Schuyler.

June 28—Brown, Edgar, Hancock, Mason, Sangamon and Tazewell.

June 30—Douglas and Macon.

July 1—Fulton and Moultrie.

The amount of wheat harvested this season is very small, but the quality is better than was expected.

RYE.

The most favorable reports on winter rye come from the Northern Division of the State, where 99 per cent. of an average yield per acre may be expected. In the following counties only will there be less than an average yield per acre, viz: DuPage, 94; Henderson, 98; Iroquois, 97; Kane, 98; Kankakee, 97; Knox, 96; LaSalle, 99; Livingston, 73; Marshall, 91; Peoria, 97; Putnam and Rock Island, 99; Stark, 98; Warren, 97; Whiteside, 93; Will, 97; Woodford, 95.

In the following counties in the Central Division there will be an average, or better, yield per acre, viz: Cass, 105; Logan, Macon, Sangamon and Schuyler, 100; Vermilion, 105. Less than 75 per cent. of an average yield per acre may be expected in the following counties, viz: Adams and Calhoun, 60; Christian, 70; Clark, 41; Cumberland, 58; Montgomery, 72; Shelby, 62.

A full average yield per acre may be expected in but three of the Southern counties, viz: Alexander, 105; Massac and St. Clair, 100. The average yield for this section will be but little, if any, over 75 per cent. of an average yield per acre.

A table published elsewhere in this report gives the July 1 condition in each county in the State for a term of years.

SPRING WHEAT.

The condition of spring wheat has not changed during the past month in the Northern Division. About 96 per cent. of an average yield per acre may be expected.

There will be an average yield per acre of spring wheat in the following Central counties: DeWitt, 102; Logan, 100; Macon, 110; McDonough, 100; Piatt, 100; Tazewell, 100.

In Crawford county, the only Southern county reporting on this crop, a full average yield per acre may be expected.

BARLEY.

The prospects are encouraging for an average yield per acre of barley in the following counties: Boone, 102; Carroll and Cook, 100; DeKalb, 105; Henderson, 110; Iroquois and JoDavies, 100; Lake, 110; Madison, 130; Marshall, 100; McHenry, 107; Randolph, 110; Stark, 100; Stephenson, 102; Will, 100.

OATS.

The condition of oats July 1 is not quite so good as on June 1, but with no unfavorable conditions before harvest there will be nearly a full average yield per acre. In some sections this crop is badly lodged, and will be harvested with considerable loss.

The most encouraging reports come from the Northern Division, where, with the exception of the counties named below, there will be an average, or better, yield per acre: DuPage, 99; Henderson, 95; Livingston, 94; Ogle, 97; Warren, 76; Whiteside, 98; Will, 92.

A full average yield per acre may be expected in the following Central counties, viz: Brown, 102; Champaign, 101; Coles, 104; Cumberland, 103; DeWitt, 102; Douglas, 103; Ford, 110; Hancock, 112; Jersey, 100; Logan, 102; Moultrie, 100; Piatt, 105; Pike, 100; Schuyler, 109; Scott, 105; Tazewell, 105; Vermilion, 115.

In Southern Illinois the July 1 condition of oats is encouraging for a full average yield per acre in the counties named, viz. Alexander, 100; Bond, 111; Clinton, 110; Effingham, 104; Fayette, 100; Hamilton, 102; Hardin, 105; Jackson, 103; Jasper, 100; Johnson, 100; Madison, 113; Massac, 125; Monroe, 100; Perry, 107; Pope, 105; Pulaski, 103; Randolph, 107; Saline, 100; St. Clair, 117; Union, 100; Washington, 105; Williamson, 111.

HUNGARIAN AND MILLET.

The number of counties in which these crops are grown is much larger this year than ever before, there being only nine counties which make no report on it. Considerable of the wheat land which was plowed up late in the spring was seeded with hungarian and millet, and the total crop for the State will be larger than ever before.

An increase in the area over 1887 is reported from the following counties: Bond, 115 per cent.; Boone, 107; Bureau, 102; Clay, 105; Clinton, 130; Coles, 106; Cook and Crawford, 105; Cumberland, 102; DeKalb and DeWitt, 110; DuPage, 127; Effingham, 106; Fayette, 123; Ford, 113; Gallatin, 102; Hamilton, 105; Jasper, 110; Jefferson, 108; Jersey, 102; Knox, 131; Lake, 105; Macon and Macoupin, 110; Madison, 200; Marion, 125; Marshall, 105; Monroe,

110; Peoria, 129; Pike, 125; Pope, 103; Pulaski, 110; Randolph, 118; Richland, 117; Saline, 105; Stark, 107; Tazewell, 103; Vermilion, 102; Wabash, 125; Washington, 108; Wayne, 110; White, 132; Whiteside, 110; Will, 107; Williamson, 121; Woodford, 105.

FLAX.

The July 1 condition of flax is encouraging for an average, or better, yield per acre in the following counties: Boone, Coles, Cook, Cumberland, Henry, Kane, McHenry, Moultrie, Vermilion and Woodford, 100; DuPage, 105; Ford, 110; Kankakee, 105.

COTTON.

In Pope county the July 1 condition of cotton is 90 per cent., and in Williamson 100 per cent. No other counties pay any attention to this crop.

TOBACCO.

There will be an average, or better, yield of tobacco this season in the following counties: Alexander, 162; Brown, Coles, Cook, DuPage, Effingham and Gallatin, 100; Jackson, 110; Madison, McHenry, Monroe, Montgomery and Perry, 100; Randolph, 110; Stephenson, Wabash, Warren and Washington, 100. In the remaining counties in which tobacco is raised there will be from 75 per cent. to an average yield per acre.

IRISH POTATOES.

The condition of Irish potatoes has improved during the past month, and the prospect is encouraging for something over an average yield per acre.

There will be less than an average yield per acre in the following Northern counties only, viz: Bureau, 96; Cook, 99; DuPage, 92; Iroquois, 91; Kankakee, 98; Livingston, 88; Marshall, 80; Stephenson, 99; Will, 86; Winnebago, 97; Woodford, 91.

In Central Illinois an average, or better, yield per acre may be expected in all except the counties named below: Adams, 90; Champaign, 86; Clark, 99; Coles, 97; Edgar, 86; Jersey, 93; Mason, 92; McLean, 99; Piatt, 87; Pike, 98; Tazewell, 88.

There will be a full average yield per acre in all the counties in Southern Illinois except the following: Clay, 98; Crawford, 91; Franklin, 98; Jackson, 97; Jasper, 98; Johnson, 95; Madison, 90; Randolph, 90; Wabash, 79; Wayne, 95; White, 91.

A table published elsewhere in this report gives by counties the comparative condition of the crop on July 1 for a term of years.

SWEET POTATOES.

The condition of sweet potatoes is up to, or above, a seasonable average in the following counties: Christian and Clay, 101; DeWitt, 103; Fayette, 102; Gallatin, 100; Greene, 102; Hamilton, 101; Hancock, 102; Henry, Jefferson, Kane, Macon and Macoupin, 100; Mason, 102; Massac, McDonough, McHenry and Menard, 100; Mercer, 104; Monroe, 100; Montgomery, 102; Ogle, 100; Peoria, 102; Perry, 103; Piatt, Pope, Randolph, Richland, Saline and Sangamon, 100; Schuyler, 102; Scott, St. Clair and Vermilion, 100; Warren, 103; Washington and Whiteside, 100.

In the remaining counties in the State there will be less than an average yield per acre.

FIELD BEANS.

The area devoted to field beans this season is about the same as last year. There is an increase in the area as follows: Bond, 108; Clay, 107; Cook, 200; Crawford, 110; DeWitt, 110; Douglas, 105; Effingham, 102; Franklin, 105; Gallatin, 105; Greene, 101; Hardin, 105; Macoupin, 105; McDonough, 105; Peoria, 125; Pulaski, 112; Randolph, 125; Richland, 108; Stark, 105; Wayne, 106.

There will be over 75 per cent. of an average yield per acre in all except the following counties: Clinton, 50; Livingston, 55.

FIELD PEAS.

A larger area was sown to field peas this season than ever before, particularly in the Southern Division of the State, where farmers are experimenting with them quite largely. The increase in area is as noted: Clark, 105; Clay, 110; Effingham, 102; Franklin, 105; Jasper, 110; Jefferson, 150; Macoupin, 110; Peoria, 125; Perry, 110; Richland and Saline, 105, Washington, 115; Wayne, 110, Williamson, 111.

MEADOWS.

The condition of meadows has improved somewhat in the Central and Southern Divisions since June 1, but is not so good in Northern Illinois as on that date.

The condition in the Northern part of the State is better than at corresponding date last year, but only 88 per cent. of an average yield per acre may be expected. There will be an average yield per acre in only the four following counties in this section, viz: DuPage, 101; Henderson, Lee and Whiteside, 100.

An average yield per acre may be expected in but three counties in Central Illinois, viz: McLean, 102; Schuyler and Scott, 100. There will be more than 75 per cent. of an average yield per acre in all except Clark, 74, and Coles, 71 per cent.

The condition of the crop is not so good in the Southern Division as on July 1, 1887. Upwards of 75 per cent. of an average yield per acre may be expected in the following counties: Alexander, 92; Crawford, 89; Effingham, 79; Fayette, 97; Gallatin, 95; Hamilton, 77; Jasper, 100; Massac, 100; Pope, 82; Pulaski, 85; Saline, 92; St. Clair, 95; Union, 90; Washington, 80.

PASTURES.

The condition of pastures at this date is much better than on July 1, 1887, and in the Northern and Central Divisions lack but little of being up to a seasonable average.

In the Northern Division the condition is above an average in the counties named below: Bureau, 102; DeKalb, 105; Henderson, 103; Henry, 104; Knox, 102; Lee, 111; Mercer, 109; Rock Island and Stark, 104; Winnebago, 102.

The July 1 condition of pastures is up to, or above, an average in the following Central counties, viz: Christian, 101; DeWitt and Greene, 100; Hancock, 102; Logan, 105; McDonough, 108; McLean, 112; Schuyler, 109; Scott, 100.

The condition of pastures has improved considerably since June 1 in the Southern Division. In the counties named the condition is above 75 per cent. of an average: Alexander, 98; Bond, 84; Clinton, 95; Crawford, 80; Effingham, 88; Fayette, 96; Franklin, 90; Gallatin, 85; Hamilton, 91; Hardin, 105; Jasper, 101; Jefferson, 85; Madison, 82; Marion and Massac, 90; Perry, 117; Pope, 95; Pulaski, 93; Randolph, 92; Richland, 80; Saline, 90; St. Clair, 112; Union, 100; Washington, 95.

The July condition of pastures for each county in the State is given in a table published elsewhere in this report.

FRUIT.

The yield of small fruit this season was not up to an average, though rather larger than last season.

CHERRIES.

There was an average yield of cherries in the following counties: Cumberland, Hardin, Jefferson, Johnson, Macon, Monroe, Morgan, Piatt and Union, 100; Pulaski, 100; Vermilion, 106.

STRAWBERRIES.

There was over an average yield of strawberries this season in the following counties: Carroll, 105; JoDaviess, 125; McHenry, 103.

Upwards of 75 per cent. of an average yield was taken in the following counties: Adams and Alexander, 90; Bond, 97; Brown, 90; Cook, 100; DeKalb, 90; DeWitt, 77; Douglas, 88; Edgar, 76; Effingham, 79; Fulton, 96; Gallatin, 75; Greene, 76; Grundy, 75; Hamilton, 75; Hardin, 90; Jackson and Jasper, 83; Jefferson, 78; Jersey and JoDaviess, 75; Johnson, 87; Lake, 92; LaSalle, 75; Lawrence, 95; Lee, 94; Livingston and Logan, 77; Madison, 100; Marshall, 88; Massac, 80; McDonough, 77; McLean, 80; Menard, 87; Mercer, 80; Moultrie, 83; Perry, 90; Piatt, 100; Pope, 82; Putnam, 77; Richland, 83; Rock Island, 95; Saline and Sangamon, 80; St. Clair and Stephenson, 100; Tazewell, 94; Vermilion, 82; Warren, 98; Washington, 80; Wayne, 90; Whiteside, 75; Winnebago, 91; Woodford, 80.

RASPBERRIES.

There was an average yield of raspberries in the following counties, viz: Alexander, Cook, Edgar, Hamilton, Jackson, Jefferson, JoDaviess, Johnson, Madison, Mason, Peoria, Perry, Piatt, Pulaski, Shelby, St. Clair, Union and Whiteside.

In the remaining counties in the State, with the exception of those named below, there was over 75 per cent. of an average yield: Bureau, 57; Calhoun, 72; Champaign, 65; Clark, 74; DuPage, 27; Ford and Hardin, 60; Iroquois, 73; Kendall, 58; Marshall, 73; Mason, 71; McDonough, 69; Monroe, 60; Moultrie, 70; Rock Island, 72; Williamson, 57; Woodford, 68.

GOOSEBERRIES.

This crop yielded better this season than any of the other small fruits. There was an average, or better, yield in the following counties: Adams, Alexander and Brown, 100; Cass, 125; Cook, 100; DeWitt, 102; Fulton, 103; Hancock, 105; Jackson, Jasper, JoDaviess, Johnson, 100; Knox, 105; Lee, 100; Logan, 112; Madison, Mason, Massac, McHenry and Monroe, 100; Morgan, 107; Moultrie, 100; Peoria, 103; Piatt, Pope, Randolph and Saline, 100; Sangamon, 105; Schuyler, 107; Shelby, 102; Stark and St. Clair, 100; Washington, 103; Winnebago, 110.

CURRENTS.

There was an average yield of currants in the following counties, viz: Alexander, Cook, Fulton, Logan, Macon, Madison, Mason, Monroe, Piatt, Pulaski and Saline, 100.

There was not over half an average yield in the counties named below: Clinton, 25; DeKalb, 50; DuPage, 30; Ford, 15; Hardin, 25; Jefferson, 50; Kane, 32; Kendall, 45; Livingston, 48; McHenry, 50; Ogle, 42; Stephenson, 30; Will, 42.

WOOL.

The Wool clip of the State was as large, or larger, than last year in the following counties: Adams, 100; Alexander, 101; Cass, 100; Christian, 101; Ford, 100; Hancock, 100; Jo Daviess, 100; Johnson, 102; Logan, 100; Madison, 100; Pulaski, 107; Vermilion, 101; Wayne and Whiteside, 100.

In most of the other counties of the State the wool clip was from 1 to 25 per cent. less than last year.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair average vitality or growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The observers of this Department are, as a rule, farmers of extended experience and practical judgment, representative men of public spirit and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this Department during the past twelve years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

Secretary.

CORRESPONDENTS' REMARKS.

ADAMS—The past month has been unfavorable for the cultivation of corn, owing to the excessive rains. The condition of the growing crop is not up to the average for July 1, but is improving rapidly. The quality of the wheat is good; the yield is fully 20 per cent. short of an average. Winter rye will not make to exceed two-thirds of an average yield per acre. Oats are very rank and heavy but are lodged. Meadows will not yield to exceed three-fourths of an average per acre. Irish and sweet potatoes are hardly up to the average for July 1. The fruit yield is better than last season. Harvest began June 20.

ALEXANDER—Corn is in fine condition; no damage to date from insects. The chinch-bug is leaving the wheat fields and going into the corn fields, but as the corn is well advanced they can do but little damage. The yield of winter wheat and rye will be better than an average. Harvest began June 14, and lasted during the month. Oats were damaged some by the drouth during the early spring. The yield is fully up to the average. Meadows and pastures are in fair condition. The fruit yield is larger than last season.

BOND—The condition of the growing corn is good; some pieces have been nearly drowned out, and are very weedy. There is some complaint of chinch-bugs in the corn. The grain of wheat is good, but the yield will not exceed two-thirds of an average per acre. Harvest commenced about June 20. The present oats crop is the largest ever raised in this county, and the general condition of the growing crop is considerably above the average. Meadows and pastures are in fair condition. The fruit yield is larger than last season. There is very little attention being paid to tile-draining.

BOONE—Corn is not up to the average for June 1, owing to the unfavorable weather of the spring. Broom corn is doing well. Winter wheat will make a larger yield per acre than an average. The same may be said of winter rye. Spring wheat, barley and oats

will all make full average yields per acre. Flax is doing well. Irish potatoes are making fine growth, and promise a good yield. There was but little fruit of any description. Harvest began June 24.

BROWN—The stand of corn is good, but the continued wet weather has prevented the proper cultivation of the growing crop. Sorghum cane is looking well. Winter wheat and rye will make about three-fourths of an average yield per acre. Oats are in fine condition, and promise a larger yield per acre than an average. Tobacco is making fine growth. Irish and sweet potatoes are in fine condition for July 1. Meadows and pastures are a little backward. The fall apples promise about three-fourths of an average crop. Farmers are paying especial attention to the improved breeds of farm animals.

BUREAU—Corn is not up to the usual average in condition for July 1. During the past two weeks there has been great improvement in the growing crop. Some fields have not been properly cultivated, owing to the wet weather. Broom corn and sorghum cane are making fair growth. Winter wheat will make about four-fifths of an average yield per acre. Winter rye, spring wheat, barley and oats are in fine condition and a large yield may be expected. Irish and sweet potatoes are doing well. Meadows are short, and hay will be scarce. Pastures are not up to the usual condition for this season of the year. Field peas and beans are looking well, and have about the same area as last season.

CALHOUN—The condition of corn is not up to the average for July 1, but there is great improvement since the warm weather and rains set in. Sorghum is not doing well. Winter wheat and rye will not make to exceed two-thirds of an average yield per acre. Oats are very rank and a large yield per acre may be expected. Meadows and pastures are not up to the average condition for July 1. Tobacco has not made the usual growth for this date. Irish and sweet potatoes are making fine growth. There will be a fair fruit crop.

CARROLL—Corn made a good stand but is rather backward owing to the unfavorable spring. At this time the plant is growing rapidly and the prospect is encouraging for a large yield per acre. Winter wheat will make nearly an average yield per acre. Rye, spring wheat, barley and oats are all in fine condition and will make an average yield per acre. Meadows and pastures are hardly up to the average condition for July 1. Irish and sweet potatoes are doing well. Field peas and beans have made fair growth. The fruit yield will be light. Farmers are paying more attention than heretofore to the improvement of live stock.

CASS—Corn is in fine condition; the ground is clean and the plant has good color and is growing rapidly. The prospect is encouraging for an average yield per acre. Winter wheat and rye will make about an average yield per acre. Oats are in fair condition; the recent heavy rains and winds have lodged oats badly. Irish and sweet potatoes are doing well. Meadows and pastures have greatly improved since the first of June. There is a fair prospect for nearly every variety of fall fruits. Small fruits yielded well. The wool clip is about as large as last season.

CHAMPAIGN—There is general complaint of too much rain. Many fields are covered with water, and are in poor condition. Broom corn and sorghum cane are fully up to the average condition for July 1. Spring wheat, barley and oats have made fine growth. Oats are very rank, and in many localities are badly lodged. Meadows made a late start, and the yield of hay will not be large. Pastures are doing well. Irish and sweet potatoes are hardly up to the average for July 1. Small fruits generally have made a light crop. Apples are falling off the trees in great numbers.

CHRISTIAN—Corn is in better than an average condition for July 1, although a little backward in growth, owing to the unfavorable season. Broom corn and sorghum cane are making fine growth. Winter wheat and rye will make about three-fourths of an average yield per acre. Barley and oats will not make more than four-fifths of an average yield per acre. Irish and sweet potatoes are doing well. Meadows and pastures have improved rapidly during the past month. Field beans and peas are looking well. There is a fair crop of every variety of fruit. Farmers are paying more attention than heretofore to the improvement of the breeds of horses.

CLARK—The condition of corn is hardly up to the average for July 1, owing to the continued rains, which have suspended cultivation. Broom corn and sorghum cane are doing well. Winter wheat and rye will not make to exceed one-third of an average yield per acre. Oats are very rank, and if not injured by lodging will make a full average yield per acre. Tobacco is making fine growth. Irish and sweet potatoes are doing well. Meadows and pastures are not up to the usual average for July 1. There is a fair prospect for nearly every variety of fruit. Field beans and peas are doing well.

CLAY—The past month has been very favorable to the growing corn; there has been

an abundance of rain and the weather warm. Chinch-bugs are doing some damage. Broom corn and sorghum cane are making fine growth. Winter wheat and rye will not yield to exceed one-third of an average per acre. Oats are in fair condition. Tobacco is looking well. Meadows and pastures are backward; the grass has never recovered from the effects of the drouth last summer. There is an abundance of fruit of all kinds. Field beans and peas are doing well. The wool clip is fully one-third short of that of last season.

CLINTON—The condition of corn is nearly up to the average for July 1. Chinch bugs left the wheat fields and attacked the corn, but owing to the abundance of rain have done but little damage. Winter wheat will not make to exceed one-fourth of an average yield. Oats are very rank, and if conditions remain favorable a much larger yield per acre may be expected than an average. The yield of hay per acre will be small; the past year has been unfavorable for meadows and pastures. Some complaint of army-worm. Irish potatoes are in splendid condition. Field beans and peas are not doing well. There was a fair yield of small fruits, and the prospect is good for a large crop of apples and peaches. The wool clip is not quite as large as last season.

COLES—The past month has been very favorable to the growth of corn. The late rains have done some damage to the growing crop. Winter wheat will not make to exceed one-third of an average yield per acre. Rye will yield about three-fourths of an average crop. The prospect for a larger yield of oats per acre than an average was never better. Flax has made fine growth during the past month. Tobacco is doing well. Irish and sweet potatoes are in a fair average condition for July 1. Meadows and pastures have not done well. The hay crop will be very short. Field beans and peas have made good growth. There is a fair fruit crop.

COOK—The stand of corn is very uneven, and the crop is about two weeks behind in growth; has been well cultivated and is growing fast. Sorghum cane is in better condition than usual for July 1. Winter wheat will make about three-fourths of an average yield per acre. Rye, spring wheat, barley, oats, flax and tobacco are all in splendid condition and promise a full average yield per acre. Irish potatoes have made good growth. Meadows and pastures are not up to the usual condition for July 1. The hay crop will be short. There will be about three-fourths of an average yield of apples. Small fruits have yielded well.

CRAWFORD—Corn is in splendid condition and if not damaged by chinch-bugs will make nearly an average yield per acre. Broom corn and sorghum cane are in fair condition. Winter wheat and rye will not make more than two-thirds of an average yield per acre. Oats have not done as well as usual and do not promise more than three-fourths of an average yield per acre. Tobacco, Irish and sweet potatoes have made good growth. Meadows are very light, owing to the army-worm and unfavorable spring. Pastures are doing well at this time. The fruit prospect is good for fall varieties.

CUMBERLAND—Corn is in a fair condition for July 1. The stand is good and the season has been favorable for its growth and cultivation. Broom corn and sorghum cane are doing well. Winter wheat and rye will not make more than half an average yield per acre. Oats and flax have made splendid growth during the past month. Tobacco looks well. Irish and sweet potatoes are in fair condition. Meadows and pastures are backward but improving rapidly. The fruit prospect is encouraging. The wool clip is not so large as last season.

DEKALB—Corn is not up to the average condition for July 1, but is growing rapidly and promises a full average yield. Broom corn is backward. Winter wheat and rye will make nearly an average yield per acre. Spring wheat, oats and barley are in better than an average condition for July 1. Irish and sweet potatoes have made fine growth. Meadows will make a fine yield of hay. Pasture is better than usual for July 1. There is a poor prospect for fruit. Field beans and peas promise a large yield per acre.

DEWITT—Corn is a little backward, but is growing rapidly. The past month has been very favorable for the growth of all kinds of vegetation. Sorghum cane looks well. Winter wheat and rye will make about an average yield per acre. Spring wheat and oats promise better than an average yield per acre. Irish and sweet potatoes have made fine growth during the past month. Meadows and pastures look well. Field beans and peas promise a full average yield per acre. There is a fair prospect for fall fruit. The wool clip is not quite as large as that of last season.

DOUGLAS—Corn was planted in good season; the soil was in fine condition; the stand is good, and has been well cultivated. Broom corn and sorghum cane are making fair growth. Winter wheat will make about two-thirds of an average yield per acre. Rye will yield nearly an average per acre. Oats look well; the straw is of medium length and the heads are large. The early spring was too dry for the rapid growth of grass, and the hay crop will be short. Pastures are in fair condition. Irish and sweet potatoes are doing well. There is a fair prospect for fall fruits. Field beans and peas promise a large yield per acre.

DUPAGE—Corn is in very fair condition; the stand is a little uneven, owing to the late frosts and the cut-worms. The late rains and warm weather have greatly improved the prospect for an average yield per acre. Broom corn looks well. Winter wheat and rye promise nearly an average yield per acre. Spring wheat, barley, oats and flax are in fine condition. Tobacco has made splendid growth. Irish potatoes are doing well. Meadows have not recovered from the effects of the drouth of last season; the hay crop will be short; pastures are in fair condition. There is very little fruit of any description. Field beans and peas are looking well.

EDGAR—Corn is about ten days later than usual, but is making fine growth since the recent rains. The prospect is good for a full average yield per acre. Broom corn and sorghum cane are making fine growth. Win-

ter wheat will not yield more than half an average crop. Rye will make nearly an average yield per acre. Oats are in fine condition. Irish and sweet potatoes are doing well. Meadows and pastures are not up to the usual condition for July 1. Small fruits have yielded well. The prospect is good for fall fruit. Field beans and peas are in good condition. The wool clip is about as large as last season.

EFFINGHAM—Corn is in fine condition, and promises a better yield per acre than an average. There was some complaint of chinch-bugs, but the recent rains have killed nearly all of them. Broom corn and sorghum cane are doing well. Winter wheat will not make to exceed half an average yield per acre. Rye will make nearly an average crop. Oats are very heavy and rank, and promise more than an average yield per acre. There is some danger of oats lodging. Meadows have improved during the past month, and will yield a fair crop of hay. Apples, peaches and plums are doing well. Irish and sweet potatoes are in fine condition. The wool clip is about as large as last season.

FAYETTE—Corn is generally in good condition; the prospect has seldom been better for a larger yield than an average per acre. There is some complaint of chinch-bugs, but the recent rains have stopped their ravages. The yield of winter wheat will be light, but the quality is good. Broom corn and sorghum cane are doing well. Rye will make about half an average yield. Oats are in good condition, and will make a large yield per acre. Meadows have done well. Pastures have made great improvement since the recent rains. All kinds of fruit are in fair condition. The fall apple crop will be light. Irish and sweet potatoes have made better growth than usual for July 1. The wool clip is not as large as last season.

FORD—The cold rains of May and the large amount of replanting held the corn crop back fully two weeks, but since the recent warm weather set in the plant has made rapid growth. Sorghum cane is making good growth. Winter wheat will not make more than half an average crop. Winter rye, spring wheat, oats and flax are all doing well. Irish potatoes are in fine condition. Meadows will yield a fair average crop of hay. Pastures are doing well. The fruit yield will be small. Field beans and peas are making fine growth. The wool clip is fully 10 per cent. less than that of 1887.

FRANKLIN—Corn looks well, and promises an average yield per acre. Some fields have been injured by the chinch-bug. Sorghum cane is in good condition. Winter wheat will not yield more than two-thirds of an average per acre. Oats have not done well, owing to the chinch-bugs. Tobacco has made poor growth. Irish and sweet potatoes will make an average yield per acre. Meadows and pastures are only in fair condition; the grass has not recovered from the effects of the drouth last season. The small fruit yield is large. Field beans and peas are doing well. The wool clip is about as large as last season.

FULTON—The late warm weather and rains have brought corn nearly up to an average; the crop has been well cultivated.

Sorghum cane is making fine growth. Winter wheat will yield about four-fifths of an average crop. Winter rye, spring wheat and oats are in fine condition, and will make full average yields. Irish and sweet potatoes are doing well. Meadows have improved very much during the past month. Pastures are good. The wool clip is about the same as last season. The yield of fruit is the best for several years past.

GALLATIN—Corn is in splendid condition except where injured by chinch-bugs; the prospect is encouraging for nearly an average yield per acre. Winter wheat will not make more than half an average yield per acre, although there are some fields where seeded early on good land that will make about an average crop. Oats are in fine condition. The late rains have been very beneficial to vegetation of all kinds. Meadows and pastures have made great improvement since June 1. The condition of fruit is good. Small fruits make a large yield.

GREENE—The condition of the growing corn crop is better than an average for July 1. The late warm rains have been of great benefit. Sorghum cane is looking well. Winter wheat will make about four-fifths of an average yield per acre. Winter rye will yield a fair average crop. Spring wheat, oats and flax are in fair condition. Irish and sweet potatoes are doing well. Meadows and pastures are in good condition. Grass has made fine growth since the recent rains. The fruit prospect is not good. There will be but few fall apples. Field beans and peas are doing well. The wool clip is about the same as last season.

GRUNDY—Corn is a little backward but is making strong and vigorous growth since the recent warm rains. The prospect is good for nearly an average yield per acre. Sorghum cane is looking well. Winter wheat and rye will make an average yield per acre. Spring wheat, oats and flax are in fine condition. Irish and sweet potatoes are making good growth. Meadows and pastures have seldom been in better condition than at this time. There is but little fruit of any description. Field beans and peas are looking well. The wool clip is not quite so large as last season.

HAMILTON—Corn is in better than an average condition for July 1. The chinch-bug did some damage after wheat harvest, but they were drowned out by the recent rains. Winter wheat will yield about two-thirds of an average per acre. Rye promises about three-fourths of an average yield per acre. Broom corn and sorghum cane are doing well. Oats are in better condition than usual for July 1. Tobacco is making fair growth. Irish and sweet potatoes are in fine condition. Meadows have not fully recovered from the effects of last year's drouth and are light. Pastures are doing well. The late rains have been very beneficial to vegetation of all kinds. There is an abundance of fruit of all kinds.

HANCOCK—The late excessive rains have prevented the cultivation of corn. The general condition of the growing crop is not up to the average for July 1. Broom corn and sorghum cane, winter wheat and rye will make nearly an average yield per acre. Har-

vest commenced June 28. Oats were never in better condition and the yield will be better than an average. The late storms injured some of the crop by lodging. Old meadows are in poor condition; the yield of hay will be light. Pastures are in fair condition. Irish and sweet potatoes never looked better than at this time. There is a fair prospect for fall fruit. The wool clip is about the same as last season.

HARDIN—Corn is in better than average condition for July 1. Since wheat harvest began the chinch-bug has gone into the corn fields and it is feared will do much damage. Sorghum cane is doing well. Winter wheat and rye will make nearly an average yield per acre. Oats promise more than an average yield per acre. Tobacco has made fair growth. Irish and sweet potatoes are in fine condition. Meadows will not yield more than half a crop of hay. Pastures are in fair condition. There is a fine prospect for fall fruits. More peaches than for years past.

HENDERSON—The condition of the growing crop of corn is good, but a little backward for this date. The recent rains have done much good. Sorghum cane has not made the usual growth for July 1. Winter wheat and rye will make about three-fourths of an average yield per acre. Spring wheat, barley and oats are doing well and promise fair yields. Irish and sweet potatoes have made good growth. Meadows have made great improvement since the late rains. Pastures are doing well. Small fruits have yielded well. The prospect is good for fall apples. The wool clip is about as large as last season.

HENRY—The condition of corn is very good although a little backward. The prospect is encouraging for better than an average yield per acre. Broom corn and sorghum cane are doing well. Winter wheat and rye will not yield to exceed half an average crop. Oats are unusually heavy and in some localities badly lodged. Tobacco has made fair growth. Irish and sweet potatoes are doing well. Meadows and pastures have made great improvement since June 1. The hay crop will be good. There is a fair prospect for apples. The wool clip is not as large as last season. Field beans and peas are doing well.

IROQUOIS—The growing corn has been damaged by the heavy rains during the past month. It has been too wet to give the crop proper cultivation. Broom corn and sorghum cane have made fair growth. Winter wheat will yield about three-fourths of an average yield crop. Rye will make an average yield per acre. Spring wheat, barley, oats and flax are looking well and promise more than an average yield per acre. Irish and sweet potatoes have made fair growth. Meadows and pastures have improved since June 1. There is but little fruit in this county. The wool clip is less than that of 1887.

JACKSON—Corn is in better condition than an average for July 1. Broom corn and sorghum cane are making fine growth. Winter wheat and rye will make three-fourths or better of an average yield per acre. Spring barley and oats are in fine condition. Tobacco is in splendid condition. Irish and sweet potatoes are looking well. Meadows and pastures

are in poor condition. There will not be more than half an average yield of hay per acre. The fruit prospect is good. The peach crop is larger than for several years past. The wool clip is much smaller than last season.

JASPER—The prospect is encouraging for an average yield of corn per acre. The recent rains have prevented the chinch-bug from damaging the corn. Broom corn and sorghum cane are looking well. Winter wheat will not make more than half of an average yield per acre. Rye will yield a little better than wheat. Oats are in fair condition, but some fields are badly lodged and will be difficult to harvest. Irish and sweet potatoes are in fair condition. Meadows are in good condition and will make an average yield of hay per acre. Pasturage is better than usual for this date.

JEFFERSON—The condition of corn has greatly improved since the late rains. The prospect is good for better than an average yield per acre. Broom corn and sorghum cane are doing well. The winter wheat crop is but little better than a failure. Rye will make about half an average yield per acre. Tobacco has not made the usual growth for July 1. Irish and sweet potatoes are in splendid condition. Meadows and pastures are in fair condition. There will be a large yield of peaches and fall apples. Small fruits yielded well. Field beans and peas are doing well. The wool clip is not so large as that of 1887.

JERSEY—Corn is not quite so forward in growth as usual for July 1, on account of the continued cool weather of May, but is generally good in condition. The stand is good and has been well cultivated. Sorghum cane is doing well. Winter wheat will yield about three-fourths of an average yield per acre. Oats are in a fair average condition for July 1. Irish and sweet potatoes have made fine growth. Meadows and pastures are making rapid growth since the rains. Apples are not in good condition. Field beans and peas are doing well. The wool clip is less than that of last season.

JoDAVIESS—The cold weather and cutworm caused a large amount of replanting and the crop is fully two weeks behind in growth. Winter wheat and rye will make a full average yield per acre. Spring wheat, barley and oats all promise an average yield per acre. Tobacco looks well. Irish potatoes have made splendid growth. Meadows and pastures are not up to the usual condition for July 1. There will be only a fair yield of fruit. The wool clip is not so large as last season.

JOHNSON—Since wheat harvest the chinch-bug has done much damage to the corn. The general condition is below the average for July 1. Broom corn and sorghum cane are doing well. Winter wheat is in the shock and there is some complaint of the wheat moulding since the wet weather set in. The yield will be about ten bushels per acre. Rye will make about four-fifths of an average yield per acre. Oats were never more promising than this season. Meadows will not yield but little over half an average crop of hay. Pastures are improving since the rains. The fruit prospect is very good for apples, peaches and plums. Irish and sweet

potatoes are doing well. The wool clip is about the same as last year.

KANE—Corn is backward and uneven. It has made good growth during the past two weeks and is growing rapidly. Winter wheat and rye will make nearly an average yield per acre. Spring wheat, barley, oats and flax are doing well and promise a full average yield per acre. Irish and sweet potatoes are making good growth. Meadows will yield an average crop of hay. Pastures are in good condition, but need rain. The apple crop will be larger than for several years past. Small fruits have yielded well. The wool clip is not quite as large as last season.

KANKAKEE—Corn is a little backward but the stand and color is good and since the recent warm weather and rains set in it has made rapid growth. Sorghum cane is making fair growth. Winter wheat will yield about three-fourths of an average crop. Winter rye, spring wheat, oats and flax are in fine condition and promise a large yield. Irish and sweet potatoes are in fair condition. Meadows, where not overstocked last fall, are in fair condition. Pastures are doing well. Apples will yield a fair crop. Small fruits made a good yield. Farmers are preparing to lay a large amount of tile as soon as harvest is over.

KENDALL—Corn is in fair condition and doing well. In many fields the stand is very uneven, but the crop has been well cultivated. Sorghum cane is doing well. Winter wheat will make about three-fourths of an average yield per acre. Winter rye, spring wheat and oats are in fine condition and will make a large yield per acre. Irish potatoes have made good growth. Meadows have made great improvement since June 1. Pastures are in very fair condition. The prospect for fruit is good. The wool clip is fully one-third short of that of last season.

KNOX—Corn did not make as good stand as usual, but it has been well cultivated and is making rapid, vigorous growth. Broom corn and sorghum cane are not quite up to the average in condition for July 1. Winter wheat and rye promise nearly an average yield per acre. Spring wheat and oats are in fine condition. Irish and sweet potatoes have made good growth during the past month. Field beans look well. Meadows have made great improvement since last report. Pasturage has also improved. The wool clip is fully 10 per cent. short of last season.

LAKE—The condition of corn is nearly up to an average for July 1. The stand is good and the crop has been well cultivated. Broom corn and sorghum cane are doing well. Winter wheat will make nearly an average yield per acre. Winter rye, spring wheat, barley, oats and flax are in splendid condition and promise more than an average yield. Irish potatoes have made fine growth. Meadows and pastures are in an average condition for July 1. Small fruits have done well. The prospect is good for apples and plums.

LASALLE—Corn is growing rapidly and has been well cultivated but owing to the large amount of replanting is a little back-

ward. Sorghum cane is in excellent condition. Winter wheat will make about four-fifths of an average yield per acre. Rye will yield an average crop. Spring wheat and oats are doing well and promise more than an average yield per acre. Irish and sweet potatoes have made good growth. Meadows are in fine condition and will make an average yield of hay per acre. Pasturage is good. The wool clip is about the same as last season. There will be but few apples.

LAWRENCE—The general condition of the growing crop is good. The chinch-bugs since harvest have left the wheat and gone into the corn fields, but the recent rains have prevented them from doing any serious damage. Broom corn and sorghum cane are making fair growth. Winter wheat will make about three-fourths of an average yield per acre. Oats are not up to the usual condition for July 1. Irish and sweet potatoes have made fine growth. The hay crop will be short owing to the unfavorable spring for the growth of grass. Pasturage is improving rapidly. There is a fair prospect for apples, peaches and melons; small fruit yielded well. The wool clip was smaller than last season.

LEE—Corn on high lands is good and has been well cultivated; on low lands much of the crop was drowned out and is weedy. Spring wheat is thin on the ground and is just beginning to head; the prospect is good for an average yield per acre. Winter wheat will yield about an average crop. Broom corn and sorghum cane are doing well. Barley and oats are in fine condition. Irish and sweet potatoes have made excellent growth. Old meadows will yield a light crop of hay; new meadows will yield a fair crop. Pastures are in good condition affording abundance of feed for stock. There is very little fruit this season. The wool clip is about the same as last season.

LIVINGSTON—Corn is very backward and much of it needs cultivation, owing to the excessive rains. The prospect is not encouraging for more than three-fourths of an average crop. Broom corn and sorghum cane have made the usual growth for July 1. Winter wheat, rye and spring wheat do not promise more than three-fourths of an average yield per acre. Oats and flax are in fair condition. Irish and sweet potatoes are doing well. Meadows and pastures are in fine condition. There will be but little fruit of any description. The wool clip is much smaller than last season.

LOGAN—Corn has made very rapid and strong growth since the middle of June and is comparatively free of weeds. Sorghum cane is doing well. Winter wheat, rye and spring wheat will make an average yield per acre. Oats are very rank and there is great danger of loss by lodging. Timothy meadows will yield a large crop of hay. Pasturage is very good. Irish and sweet potatoes are making good growth. The prospect is good for a large yield of apples and small fruits. Field beans and peas are doing well. The wool clip is about the same as last season.

MACON—Corn is in better condition than an average for July 1. The seed corn was good and the season has been favorable for

cultivation. Winter wheat will make about two-thirds of an average yield per acre. Sorghum cane is doing well. Winter rye, spring wheat and oats all look well and promise a full average yield per acre. Irish and sweet potatoes have made fine growth. Meadows have improved greatly during the past month. Pastures are doing well. The prospect for fruit is good. The wool clip is 25 per cent. smaller than last season. Field beans are in fine condition.

MACOUPIN—The late excessive rains have damaged the corn to some extent on low-lands. The prospect is encouraging for a large crop. Broom corn and sorghum cane are doing well. Winter wheat will make about two-thirds of an average yield per acre. Rye will yield nearly an average crop. Oats have made very rank growth and many fields are badly damaged. The prospect is not good for more than four-fifths of an average yield per acre. Meadows will not yield more than three-fourths of an average crop of hay. Pastures are doing well. Irish and sweet potatoes are in fine condition. There will be a large yield of apples and small fruits. The wool clip is smaller than that of last season.

MADISON—On high land where properly cultivated the condition of corn is good. The season has been too wet to cultivate corn on low lands, hence it is very weedy. Sorghum cane looks well. Winter wheat and rye will not yield to exceed three-fourths of an average crop. Spring barley and oats are in splendid condition and will make more than an average yield per acre. The hay crop will be light and unusually weedy. The army worm has done considerable damage. Pastures are weedy and as a rule overstocked. With favorable conditions there will be a large yield of apples and peaches. The wool clip is about as large as last season.

MARION—Corn is in fine condition, but since harvest the chinch-bugs have left the wheat and gone into the corn fields. The early planting of corn has been well cultivated. Broom corn and sorghum cane are doing well. Winter wheat and rye will not make to exceed half an average yield per acre. Oats are in fair condition; straw a little short, but the heads are large. Flax and tobacco are making splendid growth. Irish and sweet potatoes are doing well. Meadows and pastures are short. The grass has never recovered from the effects of the drouth last summer and fall. The wool clip is smaller than last season.

MARSHALL—Corn is a little backward, but has been making splendid growth for the past two weeks. The stand is uneven but the color is good, and with favorable conditions the yield will be nearly an average per acre. Broom corn and sorghum cane are making fair growth. Winter wheat and rye will make about four-fifths of an average yield per acre. Spring barley and oats will make more than an average yield per acre. Meadows are light, owing to the drouth of last season. Pastures are in fine condition. There will not be more than half a crop of apples. Small fruits yielded well. The wool clip is about as large as last season.

MASON—The condition of corn is below the average for July 1; the stand is very un-

even, and the chinch-bug is damaging the plant. Broom corn and sorghum cane are doing well. Winter wheat and rye will make about three-fourths of an average yield per acre. Oats are badly lodged, and will be difficult to harvest. Irish and sweet potatoes are making fine growth. Meadows and pastures are in excellent condition. The fruit yield is very good. Field beans and peas are in fair condition. The wool clip is fully 25 per cent. less than last season.

MASSAC—Corn looks well, and has been cultivated with more than usual care, but the chinch-bug has damaged it to some extent since harvest. Sorghum cane was never in better condition on July 1. Winter wheat made about three-fourths of an average yield per acre. Oats have made fine growth, and the prospect is good for a much larger yield per acre than an average. Meadows will make a fair yield of hay. Irish and sweet potatoes are in fine condition. There is a fair prospect for apples, plums, pears and peaches.

MCDONOUGH—The condition of corn is very good, but there has been too much rain to give the crop the proper cultivation. Sorghum cane looks well. Winter wheat and rye will make nearly an average yield per acre. Irish and sweet potatoes have made fine growth. Meadows promise a fair yield per acre of timothy. There will be very little clover. Pastures are in fine condition. Small fruits are yielding well. There will be but little fall fruit. The wool clip is much smaller than that of last season.

McHENRY—Corn is in very fair condition for July 1. Some complaint of wire worms. Broom corn and sorghum cane are making fine growth. Winter wheat and rye will make a full average yield per acre. Spring wheat, barley, oats, flax and tobacco are in fine condition and will yield a large crop. Timothy meadows are doing well. Clover was nearly all winter-killed. Pastures are in fine condition. Irish and sweet potatoes are making fine growth. The prospect is good for apples, grapes and pears. The wool clip is much smaller than last season.

McLEAN—Corn is very uneven, but has made fine growth during the past three weeks. The recent heavy rains have suspended cultivation. Sorghum cane looks well. Winter wheat and rye promise nearly an average yield per acre. Spring wheat, barley and oats are looking well, and will make an average yield per acre. Irish and sweet potatoes are making fine growth. Timothy meadows never looked better, and will make a large yield of hay. There is but little clover. Pasturage is very good. The prospect for apples is better than for three years past. The wool clip is considerably less than last season.

MENARD—Corn is doing well, and promises about an average yield per acre. Sorghum cane has made fair growth. Winter wheat and rye will make nearly an average yield per acre. Oats have not done well, and will not make an average yield per acre. Irish and sweet potatoes are in fine condition. Meadows have never recovered from the effects of the drouth last summer and fall, and are considerably below the average in condition. There was a large yield of small fruits, and

there will be a better crop of apples than last season.

MERCER—Corn is growing rapidly; the stand is good and the condition is about up to the average for July 1. Broom corn and sorghum cane are doing well. Winter wheat and rye will make about an average yield per acre. Spring wheat and oats are making fair growth; the latter crop is inclined to be too rank, and may lodge. Meadows are improving rapidly since the recent rains. Pasturage is in fair condition. Irish and sweet potatoes are in excellent condition, and promise a larger yield per acre than an average. The wool clip is about the same as last season. Field beans and peas have made fine growth.

MONROE—The condition of the growing corn is much better than an average for July 1. Broom corn and sorghum cane are making fine growth. Winter wheat will not make more than half of an average yield per acre. Oats have made rapid growth, and will yield a large crop. Tobacco is in excellent condition. Irish and sweet potatoes are doing well. Timothy meadows have not recovered from the effects of last summer's drouth, and will yield a light crop of hay. Pasturage is good. The fruit prospect is generally very good. The wool clip is 20 per cent. less than last season.

MONTGOMERY—Corn is growing rapidly since the recent rains. Some fields were too wet for proper cultivation. Broom corn and sorghum cane are doing well. Winter wheat will yield about eight bushels per acre; the grain is very good. Rye will make about three-fourths of an average yield per acre. Oats are very rank and many fields have been injured by the recent heavy storms. Timothy meadows will yield a fair crop of hay; clover nearly all killed. Pastures are in fine condition. Tobacco is looking well. Irish and sweet potatoes have seldom been in better condition on July 1. The fruit prospect is good. The wool clip is about the same as last season.

MORGAN—On tiled and rolling land the prospect could not be better for a large yield of corn per acre. The stand is good; the growth unusually strong; and the crop has been well cultivated. Broom corn and sorghum cane are looking fairly well. Winter wheat and rye will make four-fifths or better of an average yield per acre. Oats are badly lodged by the recent storms; the yield will be less than an average per acre. Many fields will hardly pay for harvesting. Meadows will make a heavy yield of timothy hay but no clover. Pastures are in good condition. The fruit prospect is good for apples and other fall fruit.

MOULTRIE—Corn is looking well and will make an average yield per acre if the conditions remain favorable. The chinch-bug has gone from the wheat into the corn fields, but with plenty of rain they cannot do much damage. Broom corn and sorghum cane are doing well. Winter wheat will not make more than half of an average yield per acre. Rye will yield an average crop. Oats and flax never looked better on July 1 than this season. Irish and sweet potatoes are making fine growth. Meadows and pasturage are in fair condition. The wool clip is about the same as last season.

OGLE—Corn is in fine condition; the stand and color is good. Sorghum cane is doing well. Winter wheat will make about three-fourths of an average yield per acre. Rye will make a larger yield per acre than an average. Spring wheat, barley and oats are in splendid condition and promise a large yield. Irish and sweet potatoes have made fine growth. Meadows and pastures are doing well. The fruit prospect is very encouraging. Field beans and peas look well. The wool clip is about 20 per cent. less than that of last season.

PEORIA—Corn has made rapid growth during the past three weeks and has been well cultivated and the prospect is good for a large crop. Broom corn and sorghum cane are doing well. Winter wheat and rye will make nearly an average yield per acre. Spring wheat and oats have made good growth and will make better than an average yield per acre. Meadows will not yield a large crop of hay but the quality will be good. Irish and sweet potatoes have done well. The fruit yield will be light. Field beans and peas are in fine condition. The wool clip is not quite so large as last season.

PERRY—Corn is in better condition than an average for July 1. That on low land has been injured by the recent heavy rains. Broom corn and sorghum cane are doing well. Winter wheat and rye will make about four-fifths of an average yield per acre. Oats are very rank and promise a larger yield per acre than an average. Tobacco looks well. Irish and sweet potatoes are in splendid condition. Meadows do not promise more than two-thirds of an average yield of hay. Pasture is good. There is an abundance of all kinds of fruit.

PIATT—Corn is generally clean and has a good color. During the past three weeks the plant has made rapid growth. Broom corn and sorghum cane are doing well. Winter wheat and rye will make about an average yield per acre. Oats have made remarkable growth during the past month. Spring wheat will yield a fair average crop. Irish and sweet potatoes have made fine growth. The season has been favorable to the growth of grass, and meadows will make an average yield of hay. Pasture is good. The prospect for fall fruits was never better.

PIKE—The growing corn is generally free from weeds and is in fine condition. In some localities on low-lands the season has been too wet for corn. Broom corn and sorghum cane are doing well. Winter wheat and rye will make about four-fifths of an average yield per acre. Oats have made splendid growth but are badly lodged in some localities. Irish and sweet potatoes are doing well. Meadows and pastures are in fine condition, the grass having made rapid growth since the recent rains. There is a fair prospect for fall fruits. The wool clip is about 10 per cent less than that of last season.

POPE—Corn has made fine growth but has not received the proper cultivation owing to the wet weather. Some complaint of chinch-bugs. Broom corn and sorghum cane are doing well. Winter wheat and rye will make about three-fourths of an average yield per acre. Oats were never in better condition

on July 1, than this season. Cotton is making fair growth. Tobacco looks well. Irish and sweet potatoes are in splendid condition. Meadows will not yield more than three-fourths of an average crop of hay. Pasture is good. The condition of fruit was never better and the yield is very large.

PULASKI—The condition of corn has seldom been better on July 1 than this season. The continued rains may injure it to some extent, but the prospect is good for a large yield. Broom corn and sorghum cane are doing well. Winter wheat will make a larger yield per acre than an average; harvest is finished and the crop has been well cared for. Oats are very rank, and if not injured by lodging the yield will be large. Tobacco is in fine condition. Irish and sweet potatoes have made rapid growth during the past month. Meadows and pastures are doing well. There is an abundance of fruit of every description.

PUTNAM—Corn has made a fair stand and has good color but is not up to the usual average in growth for July 1. Sorghum cane has made only fair growth. Winter wheat and rye will make about four-fifths of an average yield per acre. Spring wheat and oats could hardly be in better condition. Irish and sweet potatoes are doing well. Meadows and pastures are improving rapidly since the recent rains. There will be but few apples. Small fruits yielded well. The wool clip was not quite as large as last season. Field peas and beans are making good growth.

RANDOLPH—Corn has made rapid and vigorous growth since the recent rains and promise a large yield per acre. Broom corn and sorghum cane are doing well. Winter wheat and rye will make about four-fifths of an average yield per acre. Spring barley and oats are in excellent condition and will make a larger yield per acre than an average. Tobacco has made strong growth during the past month. Irish and sweet potatoes are doing well. Meadows are looking much better since the recent rains and will make an average crop of hay. Pasture is good. There are but few peaches; a fair crop of apples and an abundance of small fruits.

RICHLAND—Corn is in splendid condition for July 1, and the prospect is encouraging for a larger yield than for years past. Broom corn and sorghum cane are doing well. Winter wheat will not make more than half an average yield per acre. Oats where sown on lands adjoining wheat fields have been injured by chinch-bugs; but that sown away from wheat is in fine condition. Meadows have not recovered from the effects of the drouth last summer and fall. Pasture is good. There is a large crop of apples and peaches. Small fruits made a large yield. The wool clip is much less than last season.

ROCK ISLAND—Corn is very uneven and small, owing to the cold weather and replanting, but is growing very rapidly since the recent rains and warm weather. Sorghum cane is in about the same general condition as corn. Winter wheat and rye will make about an average yield per acre. Spring wheat has not done as well as usual. Spring barley and oats are in fine condition. Irish and sweet potatoes have made good

growth. The yield of hay per acre will not be fully up to the average. Pasturage is good. There will be an abundance of grapes and apples. The wool clip is 25 per cent. less than last season.

SALINE—Corn is a little uneven owing to the great amount of replanting, but has made a most vigorous growth and has good color. Where planted adjacent to wheat fields the chinch-bug has injured it to some extent. Sorghum cane has made fair growth. Winter wheat and rye will make about three-fourths of an average yield per acre. Oats are in very fine condition and will make a large yield if they are not damaged by lodging. Timothy and red top meadows have made great improvement since the recent rains and will yield a large crop of hay. Pasturage is good. There is an abundance of all kinds of small fruits and a fair prospect for apples and peaches.

SANGAMON—Corn is about ten days later than usual but is growing very rapid, having had good cultivation as a rule and abundance of rain; the prospect is good for an average yield. Sorghum cane is doing well. Winter wheat will make about four-fifths of an average yield per acre. Rye will make an average yield per acre. Oats have been greatly damaged by lodging, and will be very difficult to harvest. Irish and sweet potatoes are making fine growth. There is very little clover. Timothy has improved very much since the rains and will make nearly an average yield per acre. Pasturage is good. There will be a large yield of apples and a few peaches. Small fruits have yielded well. The wool clip is about 20 per cent. less than that of last season.

SCHUYLER—Corn was growing finely until the recent rains set in, since which time it has been too wet for cultivation. Sorghum cane is making fine growth. Winter wheat and rye will make nearly an average yield per acre. Oats are very rank and there is great danger of loss from lodging. Meadows will make better than an average yield per acre of timothy hay; there is little or no clover. Pasturage is good. Irish and sweet potatoes have made splendid growth. All kinds of fruit is yielding well. There will be a large yield of apples. The wool clip is about 15 per cent less than last season.

SCOTT—Corn is in splendid condition and promises a full average yield per acre. Winter wheat and rye will make an average yield per acre. Oats have made fine growth during the past month and will yield a large crop. Irish and sweet potatoes have done well. Meadows will make an average yield of timothy hay but there is very little clover. Pasturage is good. The prospect for fall fruits is very good. Field beans and peas are growing rapidly. The wool clip is about as large as last season.

SHELBY—Corn adjacent to wheat and rye fields is being injured by the chinch-bug. The general condition of the growing crop is up to the average for July 1. Broom corn and sorghum cane are doing well. Winter wheat will not make more than half an average yield per acre, of an inferior quality of grain. Rye will make about two-thirds of an average yield per acre. Spring wheat and barley have not done well. Oats are in

splendid growth and will make an average yield per acre. Meadows have hardly recovered from the drouth of last season. Pastures are in fair condition. Peaches and apples promise a large yield. Plums are damaged by bugs (not curculio).

STARK—Corn has made rapid growth during the past three weeks and is in about an average condition for July. Sorghum cane is doing well. Winter wheat and rye will yield about an average crop. Spring wheat, barley and oats are in fine condition and promise an average yield per acre. Irish and sweet potatoes are in splendid condition. Meadows and pastures have made great improvement since June 1. Small fruits made a good yield; the prospect is fair for a large yield of apples. The wool clip is about the same as last season.

St. CLAIR—Corn is in better condition than an average for July 1; has been well cultivated and has a good color. The chinch-bug has left the wheat since harvest and gone into the corn fields, but the plant is too far advanced for the bugs to do much damage. The quality of winter wheat is good, but the yield is very light. Rye will make a full average yield per acre. Oats are in fine condition, and will make a much larger yield than an average. Irish and sweet potatoes are doing well. Meadows will yield about one and one-half tons of good hay per acre. Pastures are overstocked, and are consequently in poor condition. The yield of small fruits has been large. Apples, peaches and plums will yield well. The wool clip is about the same as last season.

STEPHENSON—The cold and wet weather immediately after planting has greatly retarded the growth of corn; the plant is small; the stand good and since the recent warm weather and rains corn has made great improvement. Sorghum cane has made fair growth. Winter wheat and rye will make nearly an average yield per acre. Spring wheat, oats and flax are in splendid condition and promise a large yield per acre. Tobacco has made a strong, vigorous growth during the past month. Irish potatoes have done well. There will be but little clover hay, but timothy will make nearly an average yield. Pasturage is excellent. There is very little fruit.

TAZEWELL—The recent rains and warm weather have greatly improved the condition of corn. Winter wheat and rye have made great improvement since the 1st of June and will make nearly an average yield per acre. Spring wheat and oats are in splendid condition. Irish and sweet potatoes have not made the usual growth for July 1. Meadows and pastures are in good condition and are improving rapidly since the rains. The fruit prospect is better than for several years past. Field beans and peas are doing well. The wool clip is about as large as last season.

UNION—The condition of the growing corn is as good as ever seen on July 1. Sorghum cane has made fair growth. Winter wheat and rye will not make to exceed three-fourths of an average yield per acre. Oats are in excellent condition and will make more than an average yield per acre. Irish and sweet potatoes are doing well. Meadows and pastures are in fair condition. There is a good prospect for all kinds of fall fruits. Small fruits yielded well. The wool clip is about the same as last season.

VERMILION—Corn is in excellent condition, there having been an abundance of rain to keep it growing. The prospect is good for a very large yield per acre. Sorghum cane is doing well. Winter wheat will not yield but little over one-third of an average yield per acre. Rye will make better than an average yield per acre. Oats and flax are in splendid condition. Irish and sweet potatoes are making fine growth. Meadows have not recovered from the effects of the drouth last fall. The hay crop will be short. Pasturage is good. The fruit prospect is good. The wool clip is a little larger than last season.

WABASH—The corn crop is ten days later than usual, but the soil is in splendid condition, free from weeds and is making rapid growth. Chinch-bugs are worse than ever knows before. Sorghum cane is doing well. Winter wheat will make about three-fourths of an average yield per acre. Oats have made rapid improvement since June 1, and will make nearly an average yield per acre. Tobacco has made strong and vigorous growth. Irish and sweet potatoes are doing well. Meadows will not yield to exceed two-thirds of a crop of hay. There will be a full yield of plums and peaches and about a half crop of apples. The wool clip is smaller than last season.

WARREN—Corn generally is in good condition, but is fully two weeks later than usual. Insects are very bad. Sorghum cane and broom corn have made splendid growth. Winter wheat and rye will make nearly an average yield per acre. Spring wheat is in fine condition, and promises a large yield per acre. Oats have been badly lodged during the recent storms, and not more than three-fourths of an average yield per acre expected. Meadows will yield well. Pasturage is good. The fruit prospect is good. The wool clip is about the same as last season.

WASHINGTON—Corn has made rapid and strong growth since June 1 and promises a full average yield per acre. Broom corn and sorghum cane are doing well. Winter wheat will not make more than half an average yield per acre. Rye will make about an average crop. Barley is making fair growth. Oats were never in a more flattering condition on July 1. The yield will be very large. Tobacco has made splendid growth. Irish and sweet potatoes are doing well. Meadows will yield well. Pasturage is good. Field peas and beans are making fine growth. The fruit prospect is better than that of last season.

WAYNE—Corn is unusually clean and is growing rapidly. The chinch-bugs are damaging corn planted adjacent to wheat fields. Broom corn and sorghum cane are doing well. Winter wheat and rye are almost entire failures. Wheat will hardly pay for harvesting. Oats are making fair growth but are not up to the average for July 1, in condition. Meadows are improving rapidly since the rains. Pasturage in good. Irish and sweet potatoes are in fine condition. Grapes are rotting from some cause or other. There is an abundance of apples and peaches; but few blackberries.

WHITE—Born is backward in growth, but since the late rains is making great improvement. Since harvest the chinch-bugs have gone into the corn fields and are doing some damage. Broom corn and sorghum cane are making fair growth. Winter wheat and rye will not make more than two-thirds of an av-

erage yield per acre. Oats are not up to the usual condition for July 1, but are making great improvement since the rains. Tobacco has made good growth. Irish and sweet potatoes are doing well. Meadows and pastures are in poor condition. The fruit prospect is good.

WHITESIDE—Corn did not make the usual growth during May owing to the cold, dry weather, but since June 1 its growth has been rapid and vigorous. Sorghum cane has made only fair growth. Winter wheat will make about two-thirds of an average yield per acre. Rye will yield an average crop. Spring wheat, barley and oats are in fair condition. Meadows are late and thin but are improving since the rains. Pasturage is good. Irish and sweet potatoes are in an average condition for July 1. The late frosts injured small fruits to some extent. The wool clip is about as large as last season.

WILL—Corn never made more rapid growth than it has since the middle of June; although a little backward the condition of the growing crop is good. Broom corn is looking well. Winter wheat and rye will make four-fifths of an average yield per acre or better. Spring wheat, barley and oats are in fine condition and promise an average yield per acre. Tobacco has made splendid growth. Irish and sweet potatoes are doing well. Meadows and pastures are hardly up to the average in condition for July 1. The fruit prospect is fair. The wool clip is about the same as last season.

WILLIAMSON—Corn is in a fair average condition for July 1, except where injured by the chinch-bugs. Broom corn and sorghum cane are doing well. Winter wheat and rye will make about three-fourths of an average yield per acre. Oats are very fine and will yield a much larger crop than an average. Meadows are in poor condition. There will be little or no clover. Pasturage is good. Cotton is in fine condition. Tobacco has made good growth. Irish and sweet potatoes are doing well. There are but few apples; a large yield of peaches and small fruits.

WINNEBAGO—The ground is very free from weeds and corn is in good condition; some pieces have been injured by cut-worms. Broom corn and sorghum cane are not in good condition. Winter wheat and rye will make about four-fifths of an average yield per acre. Spring wheat, barley and oats are in fine condition and will make about an average yield per acre. Irish potatoes are doing well. Timothy meadows will make about an average yield of good hay. There is but little clover. Pasturage is good where not overstocked. There was a light crop of strawberries, raspberries and currants. There will be a fair yield of apples and grapes. The wool clip is about the same as last season.

WOODFORD—Corn is in fair condition and is improving rapidly. Broom corn and sorghum cane are doing well. Winter wheat and rye will make nearly an average yield per acre. Spring wheat, oats and flax are in fine condition and promise a full average yield per acre. Irish and sweet potatoes are doing well. Meadows will yield an average crop of hay. Pasturage where not overstocked is good. There is a fair prospect for fall fruits. Small fruits and berries have yielded well. The wool clip is nearly as large as last season. Field beans and peas are doing well.

CHINCH=BUGS.

At a mass meeting of the farmers of Crawford county, held at Robinson, July 14th, to consider methods of protecting their crops against the chinch-bug, an address was delivered by the State Entomologist, Prof. S. A. Forbes, on "The Relations of Wheat Culture to the Chinch-Bug in Illinois," after which the following resolutions were adopted:

Resolved, That we, the farmers of Crawford county, in mass meeting assembled, do hereby promise and agree with each other that we will not raise as crops on our lands in this county any wheat, barley or rye for the next three years; and that we will use our influence in our neighborhoods, in every way practicable, to prevent the raising of these crops by others.

Resolved, That we will use every reasonable and safe opportunity to burn over, in fall or spring, all headlands, thickets and woodlands, and to destroy all waste and rubbish which can afford a winter harborage to the chinch-bug.

Resolved, That we intend to practice and earnestly recommend the heavy fertilization of all ground devoted to crops, especially liable to injury by the chinch-bug.

Resolved, That since it has now been proven that under existing conditions all the cultivated grasses may be badly damaged by the chinch-bug in spring and early summer, while clover is entirely free from liability to such injury, we urgently advise the sowing of clover for forage instead of the grasses.

Resolved, That we advise that especial attention be paid during the coming season to such crops as the chinch-bug does not attack.

Resolved, That we suggest as a most promising and important experiment, the sowing of plots of wheat or rye to be plowed up and killed late in May or early in June, and to be followed with millet or hungarian—this to be plowed up in turn when well stocked with the eggs and young of the second brood of the chinch-bug.

Measures were also taken to hold similar meetings in the different towns and districts of the county, with a view to making the action general.

CROP REPORT.

CONDITION OF CORN, JULY 1, 1888.

NORTHERN DIVISION.										CENTRAL DIVISION										SOUTHERN DIVISION.										
COUNTIES.					Av. condition July 1.					COUNTIES.					Av. condition July 1.					COUNTIES.					Av. condition July 1.					
Average '88 compared with 1887	1888	1887	1886	1885	1884	1883	Average '88 compared with 1887	1888	1887	1886	1885	1884	1883	Average '88 compared with 1887	1888	1887	1886	1885	1884	1883	Average '88 compared with 1887	1888	1887	1886	1885	1884	1883			
Boone.....	95	77	89	95	83	80	96	73	Adams.....	*100	87	91	104	96	80	96	73	Alexander.....	101	100	101	85	90	101	100	100	101	85	95	
Bureau.....	102	82	86	108	98	88	101	90	Brown.....	105	88	95	97	105	80	95	73	Bond.....	105	89	96	99	99	101	100	100	96	99	90	
Carroll.....	103	62	90	106	94	95	104	88	Calhoun.....	93	92	97	100	100	75	75	67	Clay.....	104	97	96	90	100	90	100	100	95	90	87	
Cook.....	102	90	85	100	87	89	95	85	Cass.....	100	97	97	95	97	100	100	75	Clinton.....	110	100	95	90	105	90	100	100	95	90	76	
DeKalb.....	105	95	90	99	97	99	106	85	Champaign.....	108	97	101	103	103	82	117	94	Crawford.....	98	90	86	85	84	104	104	100	100	100	101	
DuPage.....	103	98	92	75	92	96	98	75	Christian.....	112	96	104	93	93	82	117	94	Edwards.....	102	85	100	92	100	100	100	100	100	100	100	
Grundy.....	100	80	95	100	88	107	104	82	Clark.....	109	90	95	99	101	86	86	100	Efingham.....	107	100	100	90	96	94	91	58	81	58	81	
Henderson.....	97	85	97	98	82	75	104	80	Coles.....	109	90	105	99	101	86	86	100	Fayette.....	101	102	102	95	95	111	100	95	95	111	100	
Henry.....	97	71	106	96	88	81	92	80	Cumberland.....	102	86	87	96	110	88	78	80	Franklin.....	101	102	102	95	95	111	100	95	95	111	100	
Iroquois.....	102	90	85	100	100	100	105	60	DeWitt.....	97	58	95	90	115	88	78	80	Galatin.....	97	86	101	85	95	112	96	83	83	90	83	
JoDavies.....	100	85	87	97	87	92	96	84	Douglas.....	102	58	95	90	115	88	78	80	Hamilton.....	101	102	102	95	95	110	100	95	95	110	100	
Kane.....	98	88	87	92	94	93	93	68	Edgar.....	108	93	96	88	102	103	96	66	Jackson.....	95	90	105	80	75	80	95	62	80	95	62	
Kankakee.....	98	93	89	106	105	91	99	73	Ford.....	98	90	87	108	101	81	99	66	Jasper.....	108	100	100	75	89	87	70	102	80	90	102	
Kendall.....	98	74	85	93	83	87	95	64	Fulton.....	100	78	95	103	92	92	93	80	Jefferson.....	100	96	103	88	86	100	80	90	80	90	80	
Knox.....	102	77	97	105	95	105	101	90	Greene.....	100	108	103	99	112	105	97	75	Johnson.....	118	87	87	103	97	103	79	80	79	80	80	
Lake.....	90	82	95	72	82	75	93	73	Hancock.....	99	81	91	116	105	95	110	70	Lawrence.....	101	92	95	95	96	105	96	89	96	89	84	
LaSalle.....	98	61	84	98	89	85	93	72	Jersey.....	105	85	95	114	103	95	104	81	Madison.....	107	95	97	70	98	94	87	92	70	84	84	
Lee.....	98	77	95	105	89	91	104	80	Logan.....	97	85	95	114	103	95	104	81	Marion.....	100	94	107	87	87	87	87	92	70	84	84	
Livingston.....	91	79	66	101	102	79	97	71	Macon.....	103	92	102	92	95	91	90	93	Massac.....	*106	90	120	100	87	100	87	100	81	96	96	
Marshall.....	97	80	78	102	97	85	109	86	Macoupin.....	106	99	103	86	80	84	69	69	Monroe.....	*106	90	110	95	90	100	90	90	90	90	90	
McHenry.....	107	85	92	102	93	95	101	91	Mason.....	100	82	89	87	103	87	100	75	Peoria.....	102	85	103	90	67	101	92	80	92	80	92	
Mercer.....	104	82	92	111	93	92	99	74	McDonough.....	92	82	97	99	105	97	100	75	Perry.....	110	92	103	90	67	101	92	80	92	80	92	
Ogle.....	95	69	95	100	106	71	99	80	Menard.....	96	81	97	99	105	97	94	70	Pope.....	102	85	93	92	95	110	75	96	96	96	96	
Peoria.....	95	69	95	100	106	71	99	80	Montgomery.....	115	97	103	96	86	84	81	80	Pulaski.....	99	98	113	93	95	112	75	82	82	82	82	
Putnam.....	98	71	89	102	93	79	105	92	Morgan.....	104	94	107	105	97	101	80	91	Richland.....	101	89	105	105	105	105	105	105	105	105	100	
Rock Island.....	102	84	90	106	79	90	103	84	Moultrie.....	104	94	107	105	97	101	80	91	Saline.....	115	80	100	97	92	100	97	102	86	90	90	
Stark.....	102	84	90	105	100	90	103	84	Pike.....	100	80	91	100	105	88	98	96	St. Clair.....	120	110	120	93	95	110	92	95	95	95	95	
Stephenson.....	103	90	94	105	101	87	103	100	Platt.....	93	88	92	105	95	86	94	76	Union.....	100	90	100	80	77	91	96	88	95	95	95	
Warren.....	102	90	94	105	101	87	103	100	Pike.....	100	80	91	100	105	88	98	96	Wabash.....	106	90	100	80	77	91	96	88	95	95	95	
Whiteside.....	102	82	93	92	77	100	90	75	Sangamon.....	104	85	96	97	104	100	93	84	Washington.....	178	87	100	81	82	94	92	79	82	79	82	
Will.....	90	82	87	91	103	91	90	75	Schuyler.....	103	90	91	95	102	85	95	84	Wayne.....	107	83	92	82	84	92	94	97	75	96	96	
Winnebago.....	99	82	86	103	90	88	113	81	Scott.....	109	89	100	104	89	97	85	85	White.....	102	68	82	99	94	97	75	96	96	96	96	
Woodford.....	102	76	85	93	95	88	112	80	Shelby.....	100	80	93	85	102	85	107	75	Williamson.....	111	97	100	78	85	103	80	80	80	80	80	
Average ..	99	82	90	99	93	88	100	80	Vermilion.....	102	90	96	96	100	90	95	82	Average..	104	92	100	89	91	99	99	99	99	99	99	99

* Estimated.

CONDITION WINTER WHEAT.

CROP REPORT.

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NORTHERN DIVISION.

CENTRAL DIVISION.

SOUTHERN DIVISION.

COUNTIES.	Av. condition July 1.					Av. condition July 1.					Av. condition July 1.															
	1888 1887 1886 1885 1884 1883 1882					1888 1887 1886 1885 1884 1883 1882					1888 1887 1886 1885 1884 1883 1882															
	Av. condition May 1, 1888.	Av. condition June 1, 1888.	Av. condition May 1, 1888.	Av. condition June 1, 1888.	Av. condition May 1, 1888.	Av. condition June 1, 1888.	Av. condition May 1, 1888.	Av. condition June 1, 1888.	Av. condition May 1, 1888.	Av. condition June 1, 1888.	Av. condition May 1, 1888.	Av. condition June 1, 1888.	Av. condition May 1, 1888.	Av. condition June 1, 1888.	Av. condition May 1, 1888.	Av. condition June 1, 1888.										
Boone	90	105	102	65	96	85	83	95	95	80	80	100	95	8	63	79	Alexander ..	79	103	100	105	66	98	93	112	
Bureau	62	68	81	71	97	62	86	75	110	70	79	75	102	100	40	80	105	Clay	56	66	97	94	17	22	26	93
Carroll	50	80	95	75	92	100	90	75	90	60	60	75	45	85	105	105	105	Clinton ..	56	66	97	94	17	22	26	93
Cook	50	80	95	75	92	100	90	75	90	60	60	75	45	85	105	105	105	Crawford ..	54	66	97	94	17	22	26	93
DeKalb	80	93	82	85	99	85	102	90	110	58	69	102	100	40	79	37	108	Edwards ..	25	47	25	78	46	42	27	117
DuPage	90	93	95	95	95	100	100	44	50	75	101	101	9	81	80	100	Edwards ..	25	47	25	78	46	42	27	117	
Grundy	74	95	100	87	100	100	115	38	50	27	91	81	20	39	112	103	Effingham ..	45	56	56	59	45	50	53	108	
Henderson ..	75	71	85	60	53	95	103	7	32	29	104	91	17	40	104	103	Fayette ..	45	56	56	59	45	50	53	108	
Henry	100	72	85	70	103	90	90	34	42	31	95	95	30	75	122	103	Fayette ..	45	56	56	59	45	50	53	108	
Iroquois	72	57	76	90	98	62	75	50	102	DeWitt ..	65	80	96	104	110	106	Gallatin ..	100	50	51	49	74	81	63	137	
Jo Daviess ..	92	100	100	92	56	103	81	51	36	90	105	105	48	63	50	106	Gallatin ..	100	50	51	49	74	81	63	137	
Kane	75	95	95	73	100	87	93	55	49	52	95	99	17	69	107	106	Hamilton ..	92	61	58	42	27	64	55	110	
Kankakee ..	80	77	72	102	107	85	105	87	55	50	80	82	50	65	107	106	Hamilton ..	92	61	58	42	27	64	55	110	
Kendall	62	67	70	67	101	100	100	63	74	82	103	105	64	97	104	106	Hardin	72	61	85	75	98	40	75	121	
Knox	80	86	92	93	112	65	100	55	74	79	105	94	50	60	102	106	Hardin	72	61	85	75	98	40	75	121	
Lake	72	93	93	87	97	78	97	55	74	82	103	105	64	97	104	106	Jackson ..	73	57	45	75	56	22	61	116	
LaSalle	66	71	89	91	99	81	88	71	87	100	110	115	40	102	85	102	Jackson ..	73	57	45	75	56	22	61	116	
Lee	100	93	98	88	100	70	99	77	54	100	122	97	7	87	45	115	Jefferson ..	46	68	67	76	83	30	39	25	
Livingston ..	75	53	63	72	98	67	102	56	70	85	100	108	20	59	40	105	Jefferson ..	46	68	67	76	83	30	39	25	
Marshall	97	75	75	80	107	110	120	55	56	69	100	80	18	65	61	82	Johnston ..	95	53	77	67	81	35	63	110	
McHenry	90	85	90	103	88	107	95	111	60	75	87	100	103	38	92	86	Johnston ..	95	53	77	67	81	35	63	110	
McHenry	77	92	93	80	100	75	100	82	74	84	103	101	45	105	80	101	Lawrence ..	55	53	79	79	52	52	32	103	
Mercer	75	90	75	84	97	98	104	73	105	83	92	103	109	42	90	101	Lawrence ..	55	53	79	79	52	52	32	103	
Ogle	77	92	112	90	107	56	95	83	97	83	92	103	109	42	90	101	Madison ..	77	52	50	45	72	53	62	112	
Peoria	77	79	82	81	99	52	87	40	3	87	102	95	91	30	100	100	Madison ..	77	52	50	45	72	53	62	112	
Putnam	83	85	100	80	100	70	92	81	82	87	112	105	56	84	69	100	Marion	77	52	50	45	72	53	62	112	
Rock Island ..	86	79	82	85	100	87	98	47	36	92	93	93	24	81	68	97	Marion	77	52	50	45	72	53	62	112	
Stark	85	92	97	81	97	53	98	62	55	52	105	105	55	85	67	105	Massac	75	39	50	80	97	100	79	51	
Stephenson ..	85	92	94	93	106	72	93	68	69	74	113	73	11	46	61	126	Massac	75	39	50	80	97	100	79	51	
Warren	82	86	94	83	97	50	100	72	81	102	111	45	80	76	89	104	McNou	84	78	60	47	24	63	49	106	
Whiteside ..	75	65	65	83	100	92	95	50	87	105	103	55	80	95	76	74	McNou	84	78	60	47	24	63	49	106	
Will	87	85	85	85	85	125	125	67	78	100	102	98	20	53	100	104	Peoria	75	45	74	70	82	65	80	106	
Winnebago ..	75	82	86	74	97	67	83	92	61	58	101	103	102	4	73	61	Peoria	75	45	74	70	82	65	80	106	
Woodford	72	87	84	85	97	57	102	60	70	88	99	102	50	80	87	107	Perry	75	45	74	70	82	65	80	106	
Average	77	84	87	68	94	87	104	42	63	44	102	103	60	65	34	117	Perry	75	45	74	70	82	65	80	106	
								58	65	72	101	99	38	78	67	102	Pulaski	101	68	73	81	70	73	76	103	
																	Randolph ..	101	68	73	81	70	73	76	103	
																	Randolph ..	101	68	73	81	70	73	76	103	
																	Richland ..	69	60	46	82	29	42	25	105	
																	Richland ..	69	60	46	82	29	42	25	105	
																	Saline	65	50	70	67	12	72	33	133	
																	Saline	65	50	70	67	12	72	33	133	
																	St. Clair ..	50	10	96	70	67	12	72	33	
																	St. Clair ..	50	10	96	70	67	12	72	33	
																	Union	95	76	74	70	45	70	51	104	
																	Union	95	76	74	70	45	70	51	104	
																	Washburn ..	39	39	50	83	67	33	45	115	
																	Washburn ..	39	39	50	83	67	33	45	115	
																	Wayne	55	55	61	49	82	38	63	110	
																	Wayne	55	55	61	49	82	38	63	110	
																	Williamson ..	64	79	69	61	102	42	79	88	
																	Williamson ..	64	79	69	61	102	42	79	88	
																	Average...	55	60	75	79	42	70	48	112	
																	Average...	55	60	75	79	42	70	48	112	

* Estimated

COUNTIES.	Av. condition May 1, 1888.				Av. condition June 1, 1888.				Av. condition July 1.					
	1888	1887	1886	1885	1884	1883	1882	1888	1887	1886	1885	1884	1883	1882
	79	100	103	100	105	98	112	79	100	105	105	105	98	93
Alexander ..	79	41	66	97	94	10	44	88	66	97	94	10	44	26
Bond	70	33	24	45	75	17	22	105	56	15	17	22	23	93
Clay	56	15	25	95	100	22	117	105	25	95	100	22	23	100
Clinton	25	45	25	95	100	22	117	105	25	95	100	22	23	100
Crawford ..	54	47	52	75	78	46	42	105	54	47	52	75	78	102
Edwards	82	25	36	59	92	45	100	105	82	25	36	59	92	100
Effingham ..	45	56	47	78	54	30	56	103	45	56	47	78	54	108
Fayette	18	22	17	85	77	12	44	105	18	22	17	85	77	103
Franklin	100	53	57	49	74	40	81	105	100	53	57	49	74	137
Galatin	92	61	58	42	82	27	64	105	92	61	58	42	82	110
Hamilton	72	80	85	75	98	40	75	105	72	80	85	75	98	121
Hardin	80	80	85	65	80	75	100	105	80	80	85	65	80	116
Jackson	73	70	45	75	56	22	61	105	73	70	45	75	56	113
Jasper	5	47	42	28	39	30	39	105	5	47	42	28	39	113
Jefferson	46	68	76	85	50	77	53	105	46	68	76	85	50	125
Johnson	70	68	67	76	85	50	77	105	70	68	67	76	85	110
Lawrence	95	55	55	70	79	27	52	105	95	55	55	70	79	103
Madison	55	55	55	40	45	72	53	105	55	55	55	40	45	103
Marion	77	72	75	80	97	100	79	105	77	72	75	80	97	115
Massac	75	39	50	80	60	22	100	105	75	39	50	80	60	113
Monroe	75	87	78	60	47	34	63	105	75	87	78	60	47	126
Perry	84	45	74	82	65	80	53	105	84	45	74	82	65	109
Pope	75	45	74	70	67	40	47	105	75	45	74	70	67	107
Pulaski	101	103	213	96	100	72	100	105	101	103	213	96	100	107
Randolph	50	55	46	87	70	73	76	105	50	55	46	87	73	115
Richland	69	60	46	87	62	29	42	105	69	60	46	87	62	105
Saline	72	80	88	60	75	65	125	105	72	80	88	60	75	133
St. Clair	50	10	56	70	67	12	33	105	50	10	56	70	67	103
Union	95	76	74	72	70	45	70	105	95	76	74	72	70	103
Wabash	83	39	50	83	67	33	45	105	83	39	50	83	67	104
Washington ..	39	12	42	29	36	29	41	105	39	12	42	29	36	115
Wayne	55	58	61	49	82	63	46	105	55	58	61	49	82	110
White	64	73	69	61	102	42	79	105	64	73	69	61	102	115
Williamson ..	74	59	69	61	102	42	79	105	74	59	69	61	102	115
Average....	67	55	60	75	79	42	70	105	67	55	60	75	79	112

ACREAGE AND CONDITION OF OATS JULY 1, 1888.

CROP REPORT

25

NORTHERN DIVISION.

CENTRAL DIVISION.

SOUTHERN DIVISION.

COUNTIES.	Av. condition July 1					Av. condition July 1					Av. condition July 1				
	1888					1888					1888				
	Av. cond'n May 1, 1888	Av. cond'n June 1, 1888	Av. cond'n July 1, 1888	Av. cond'n July 1, 1888	Av. cond'n July 1, 1888	Av. cond'n May 1, 1888	Av. cond'n June 1, 1888	Av. cond'n July 1, 1888	Av. cond'n July 1, 1888	Av. cond'n July 1, 1888	Av. cond'n May 1, 1888	Av. cond'n June 1, 1888	Av. cond'n July 1, 1888	Av. cond'n July 1, 1888	Av. cond'n July 1, 1888
Boone.....	100	105	102	105	105	100	105	102	105	105	100	105	102	105	105
Bureau.....	103	91	106	102	102	103	98	97	100	100	95	96	101	103	103
Carroll.....	102	88	102	105	105	105	98	96	97	97	100	100	100	102	102
Cook.....	100	97	100	101	101	103	92	100	97	95	100	100	100	103	103
DeKalb.....	102	102	105	111	111	99	73	102	97	105	100	100	100	103	103
DuPage.....	102	102	105	99	99	98	73	102	97	105	100	100	100	103	103
Grundey.....	100	105	102	105	105	107	87	105	98	100	100	100	100	103	103
Henderson.....	109	92	93	95	95	100	86	100	97	100	100	100	100	103	103
Henry.....	100	92	104	102	102	108	80	101	94	100	100	100	100	103	103
Iroquois.....	103	91	104	102	102	108	83	100	102	100	100	100	100	103	103
Jo Daviess.....	102	97	100	100	100	106	80	100	94	100	100	100	100	103	103
Kane.....	107	94	104	102	102	102	82	100	102	100	100	100	100	103	103
Kankakee.....	103	79	105	112	81	102	79	89	91	100	100	100	100	103	103
Kendall.....	106	87	97	100	100	108	74	89	91	100	100	100	100	103	103
Knox.....	107	93	99	105	67	101	87	101	92	95	100	100	100	103	103
Lake.....	107	95	102	107	62	102	92	92	92	95	100	100	100	103	103
LaSalle.....	108	94	99	106	58	100	93	102	112	95	100	100	100	103	103
Lee.....	99	99	104	106	83	105	76	105	100	85	100	100	100	103	103
Livingston.....	105	100	100	94	84	101	92	99	102	80	100	100	100	103	103
Marshall.....	105	100	101	101	72	100	91	103	93	78	100	100	100	103	103
McHenry.....	107	100	105	107	55	100	87	74	95	86	100	100	100	103	103
Merced.....	107	98	106	106	67	100	85	90	95	92	100	100	100	103	103
Ogle.....	98	93	95	105	105	103	82	90	95	93	100	100	100	103	103
Peoria.....	110	83	98	102	65	96	83	91	90	87	100	100	100	103	103
Putnam.....	104	92	100	103	76	100	85	96	88	91	100	100	100	103	103
Rock Island.....	102	87	100	103	70	100	82	96	88	91	100	100	100	103	103
Stark.....	100	94	105	105	63	100	85	96	88	91	100	100	100	103	103
Stephenson.....	101	93	101	102	63	100	85	96	88	91	100	100	100	103	103
Warren.....	105	101	105	76	79	100	85	96	88	91	100	100	100	103	103
Whiteside.....	95	90	98	95	77	95	80	100	105	92	100	100	100	103	103
Will.....	94	100	104	102	72	100	85	96	88	91	100	100	100	103	103
Winnebago.....	105	96	103	106	61	82	85	103	105	99	100	100	100	103	103
Woodford.....	100	83	104	102	61	82	85	103	105	99	100	100	100	103	103
Average.....	100	91	102	101	64	85	85	99	98	85	100	100	100	103	103

*Estimated.

CONDITION OF WINTER RYE JULY 1, 1888.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.					COUNTIES.					COUNTIES.					COUNTIES.					COUNTIES.					COUNTIES.				
Av. cond'n May 1, 1888	Av. cond'n June 1, 1888	Av. condition July 1.			Av. cond'n May 1, 1888	Av. cond'n June 1, 1888	Av. condition July 1.			Av. cond'n May 1, 1888	Av. cond'n June 1, 1888	Av. condition July 1.			Av. cond'n May 1, 1888	Av. cond'n June 1, 1888	Av. condition July 1.			Av. cond'n May 1, 1888	Av. cond'n June 1, 1888	Av. condition July 1.							
1888	1887	1886	1885	1884	1888	1887	1886	1885	1884	1888	1887	1886	1885	1884	1888	1887	1886	1885	1884	1888	1887	1886	1885	1884	1883	1882			
Boone.....	103	101	83	92	75	97	100	99	Adams.....	80	80	102	100	103	87	75	70	Alexander.....	95	100	105	100	100	60	90	95	115		
Bureau.....	86	95	100	62	98	87	100	102	Brown.....	80	80	87	*100	100	85	95	105	Bond.....	75	75	75	85	98	50	95	72	100		
Carroll.....	90	102	100	68	101	93	99	102	Calhoun.....	80	80	60	75	100	100	100	105	Clay.....	87	52	70	57	75	50	95	70	90		
Chickasaw.....	93	95	101	84	100	97	92	90	Cass.....	70	110	105	100	97	100	100	100	Clinton.....	60	61	58	84	90	77	70	93	115		
DeKalb.....	72	82	94	55	95	97	92	100	Champaign.....	75	72	75	100	100	92	100	103	Crawford.....	60	61	58	84	90	77	75	76	99		
Grundy.....	90	100	83	95	72	97	87	73	Clark.....	55	62	41	89	94	63	80	98	Edwards.....	85	87	80	90	90	75	90	95	105		
Henderson.....	82	95	98	85	95	91	102	100	Coles.....	75	88	75	100	96	78	95	75	Effingham.....	70	66	80	81	65	55	91	80	106		
Henry.....	88	85	102	63	102	90	81	90	Cumberland.....	70	94	58	100	100	98	97	82	Fayette.....	30	87	58	*88	79	42	52	54	98		
Howards.....	95	103	92	97	101	105	70	88	DeWitt.....	80	61	92	94	105	70	91	60	Franklin.....	100	80	72	70	92	62	75	100			
Jefferson.....	100	97	103	92	93	93	97	105	Douglas.....	75	87	85	*92	102	85	100	73	Gaithers.....	100	93	70	92	100	65	83	95	100		
Kane.....	95	105	98	57	101	89	85	95	Edgar.....	80	90	95	*92	102	85	100	63	Hamilton.....	100	100	72	70	92	42	75	55	100		
Kankakee.....	85	85	97	90	100	83	93	92	Fulton.....	92	95	99	93	92	95	90	63	Jackson.....	90	70	55	45	50	50	80	57	100		
Kendall.....	84	93	100	57	99	97	100	94	Greene.....	90	96	97	92	95	90	91	90	Jasper.....	65	70	45	100	73	60	75	100	90		
Knox.....	91	92	96	87	104	92	100	97	Hancock.....	85	96	99	87	85	100	95	90	Jefferson.....	100	103	74	73	97	60	75	50	106		
Lake.....	92	102	80	100	93	96	100	105	Jersey.....	100	87	100	97	104	95	99	85	Lawrence.....	30	72	80	90	80	75	87	75	100		
LaSalle.....	84	66	99	78	102	90	93	94	Logan.....	100	87	100	97	104	95	99	85	Madison.....	90	86	50	50	102	80	70	100	100		
Lee.....	90	90	73	82	92	85	87	82	Macon.....	95	100	100	100	90	93	83	100	Marion.....	90	*85	50	50	100	70	100	70	100		
Livingston.....	90	82	91	85	95	85	105	95	Macoupin.....	95	92	90	*98	87	92	100	97	Mason.....	75	*100	95	102	75	66	61	103	103		
Marshall.....	100	92	105	95	105	82	105	100	Madison.....	85	100	95	90	100	82	95	100	Monroe.....	90	97	93	87	75	67	66	61	103		
McHenry.....	100	98	100	76	90	82	85	88	McDonough.....	90	91	97	90	100	82	95	100	Perry.....	90	97	93	87	75	67	66	61	103		
Mercer.....	103	98	107	80	98	94	104	103	McLean.....	92	90	97	85	98	77	92	87	Pope.....	80	75	75	90	85	95	50	100	100		
Monroe.....	85	92	97	80	77	97	95	95	Menard.....	92	90	97	85	98	77	92	87	Pulaski.....	100	97	100	90	88	80	70	100	100		
Peoria.....	85	92	97	80	102	97	98	103	Montgomery.....	77	67	72	98	103	49	70	85	Randolph.....	100	97	76	90	67	70	91	42	107		
Putnam.....	95	99	99	86	102	97	98	100	Morgan.....	90	98	90	100	102	88	100	86	Richland.....	95	82	76	100	67	90	91	42	107		
Rock Island.....	92	91	90	69	92	86	91	71	Moutrie.....	82	50	87	100	102	75	94	87	Saline.....	10	100	100	95	53	55	90	86	95		
Stark.....	93	98	95	97	81	99	97	98	Platt.....	91	92	87	100	102	75	94	87	St. Clair.....	100	90	90	90	55	55	90	86	95		
Stephenson.....	90	91	97	95	99	82	100	95	Pike.....	93	90	85	97	97	97	98	102	Union.....	100	100	90	90	55	55	90	86	95		
Warren.....	90	92	93	90	90	90	100	105	Sangamon.....	100	100	100	100	100	64	100	91	Wabash.....	76	97	98	80	80	87	75	62	100		
Whiteside.....	90	92	93	90	100	100	102	96	Schuyler.....	90	95	100	100	100	87	95	100	Washington.....	47	90	59	25	100	30	60	10	110		
Will.....	99	98	97	76	103	100	188	87	Shelby.....	70	60	62	100	99	62	98	82	Wayne.....	82	80	63	50	75	50	75	100	100		
Winnebago.....	72	92	95	82	100	73	103	94	Sneeley.....	80	90	93	100	93	100	75	90	White.....	90	100	75	95	100	50	100	100	100		
Woodford.....	80	95	98	80	98	87	95	94	Tazewell.....	92	95	105	93	100	75	80	82	Williamson.....	78	81	76	81	85	60	81	74	101		
Average.....	80	95	98	80	98	87	95	94	Vermilion.....	84	91	87	95	98	80	90	85	Average.....	78	81	76	81	85	60	81	74	101		

NORTHERN DIVISION.

CENTRAL DIVISION.

SOUTHERN DIVISION.

COUNTIES.	Av. condition July 1.					Ac. '88 com- pared 1887. June 1, 1888
	1888	1887	1886	1885	1884	
Boone.....	95	89	92	87	102	102
Bureau.....	98	71	34	88	90	100
Carroll.....	98	95	45	96	102	103
Cook.....	95	95	66	98	76	86
DeKalb.....	87	101	32	96	88	103
DuPage.....	80	69	25	90	91	67
Grundy.....	92	100	30	76	102	100
Henderson.....	87	80	92	45	100	101
Henry.....	96	80	31	87	83	102
Iroquois.....	89	84	66	78	92	84
JoDaviess.....	97	83	24	80	87	104
Kane.....	88	96	83	28	95	79
Kankakee.....	102	96	97	75	95	84
Kendall.....	94	87	75	23	88	71
Knox.....	92	112	91	31	86	87
Lake.....	105	107	98	80	103	106
LaSalle.....	84	90	93	35	91	107
Lee.....	106	106	100	46	97	94
Livingston.....	97	93	90	38	76	103
Marshall.....	95	87	82	51	73	99
McHenry.....	87	99	87	45	103	92
Mercer.....	97	100	88	39	89	95
Ogle.....	98	88	83	37	102	106
Peoria.....	90	79	93	45	79	102
Putnam.....	97	94	84	94	84	100
Rock Island.....	99	96	86	55	83	105
Stark.....	100	99	94	61	93	79
Stephenson.....	96	89	84	54	94	103
Warren.....	92	88	100	48	95	100
Whiteside.....	80	98	87	55	98	84
Will.....	96	95	86	40	95	87
Winnebago.....	88	88	39	97	92	107
Woodford.....	84	88	43	90	86	105
Average.....	84	88	43	90	86	105

*Estimated

COUNTIES.	Av. condition July 1.					Ac. '88 com- pared 1887. June 1, 1888
	1888	1887	1886	1885	1884	
Adams.....	80	75	80	94	70	100
Brown.....	82	87	97	85	95	97
Calhoun.....	105	76	88	87	90	105
Cass.....	91	79	95	71	100	90
Champaign.....	92	91	82	75	85	102
Christian.....	100	92	67	91	96	105
Clark.....	79	77	74	73	90	98
Coles.....	83	73	71	65	80	87
Cumberland.....	96	89	81	84	96	97
DeWitt.....	90	87	95	56	97	102
Douglas.....	81	72	80	63	97	102
Edgar.....	89	92	84	62	85	98
Ford.....	89	87	89	65	79	98
Fulton.....	86	81	85	67	82	97
Greene.....	100	89	92	91	102	103
Hancock.....	91	89	96	77	102	106
Jersey.....	67	73	83	87	100	105
Logan.....	95	89	92	58	97	103
Macon.....	76	81	83	89	89	101
Macoupin.....	93	77	83	83	87	105
Mason.....	100	93	90	70	97	100
McDonough.....	89	84	95	77	105	110
McLean.....	90	97	102	54	85	106
Menard.....	85	69	75	62	95	102
Montgomery.....	97	87	96	83	94	102
Morgan.....	87	83	97	87	92	96
Moutrie.....	95	80	87	73	83	104
Pike.....	90	80	85	75	103	102
Saline.....	87	90	85	80	91	104
Sangamon.....	82	79	68	95	93	96
Schuyler.....	87	93	100	82	95	98
Scott.....	97	90	100	69	106	103
Shelby.....	85	77	92	71	91	108
Tazewell.....	97	80	96	50	85	102
Vermilion.....	87	65	77	65	75	107
Average.....	89	84	72	88	93	102

COUNTIES.	Av. condition July 1.					Ac. '88 com- pared 1887. June 1, 1888
	1888	1887	1886	1885	1884	
Alexander.....	100	92	80	110	80	103
Bond.....	79	66	75	93	90	107
Clay.....	71	56	65	77	87	105
Clinton.....	75	70	35	60	90	120
Crawford.....	882	76	89	79	85	95
Edwards.....	45	40	56	83	92	103
Effingham.....	81	74	79	87	83	98
Fayette.....	87	80	74	80	100	93
Franklin.....	71	75	74	79	101	112
Gallatin.....	97	93	85	100	83	99
Hamilton.....	89	87	77	88	95	104
Hardin.....	80	67	65	100	67	100
Jackson.....	70	35	63	60	95	107
Jasper.....	92	100	55	71	83	105
Jefferson.....	108	64	73	86	77	106
Johnson.....	100	77	57	81	94	92
Lawrence.....	82	76	72	90	82	103
Madison.....	71	52	61	79	83	92
Marion.....	*90	74	100	92	65	107
Massac.....	*62	58	50	100	100	100
Monroe.....	69	72	60	87	79	101
Perry.....	82	60	82	82	86	115
Pope.....	82	60	82	82	86	110
Pulaski.....	85	85	85	97	100	106
Randolph.....	75	67	70	100	92	103
Ritchland.....	71	38	68	65	63	87
Saline.....	95	70	92	93	97	110
Union.....	50	59	95	83	97	95
St. Clair.....	105	75	90	80	72	100
Union.....	105	65	61	85	69	95
Washington.....	85	47	85	85	88	105
Wayne.....	75	53	52	96	77	80
White.....	92	43	44	88	102	105
Williamson.....	81	69	66	91	87	107
Average.....	81	65	73	82	89	99

CONDITION OF PASTURES.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
COUNTIES.	Ac. '88 com- pared 1887.	Av. condition July 1.				COUNTIES.	Ac. '88 com- pared 1887.	Av. condition July 1.			
		1888	1887	1886	1885			1888	1887	1886	1885
Boone.....	100	98	92	100	105	Adams.....	100	87	81	97	100
Bureau.....	101	95	102	99	103	Brown.....	90	88	97	82	90
Carroll.....	97	102	100	91	107	Calhoun.....	102	74	82	95	87
Cook.....	100	92	92	94	85	Cass.....	94	84	95	84	102
DeKalb.....	95	107	105	97	98	Champaign.....	92	91	80	85	90
DuPage.....	92	105	103	100	102	Christian.....	98	94	90	74	99
Grundy.....	95	100	102	72	75	Clark.....	86	83	91	97	102
Henderson.....	97	103	104	106	104	Coles.....	91	79	69	90	100
Henry.....	100	103	104	106	102	Cumberland.....	86	81	93	70	92
Iroquois.....	80	81	93	98	91	DeWitt.....	95	100	53	101	101
Jo Daviess.....	100	105	97	78	89	Douglas.....	86	77	83	97	103
Kane.....	98	104	95	19	95	Edgar.....	97	87	83	55	97
Kankakee.....	101	97	98	47	99	Ford.....	92	91	99	63	82
Kendall.....	97	89	72	22	84	Fulton.....	91	98	95	66	82
Knox.....	99	101	102	40	90	Greene.....	90	92	100	110	105
Lake.....	108	100	95	60	98	Hancock.....	101	97	100	110	97
LaSalle.....	98	95	95	26	92	Jersey.....	70	77	87	100	110
Lee.....	105	111	111	36	91	Logan.....	98	90	105	44	96
Livingston.....	95	110	93	40	80	Macon.....	91	85	86	44	98
Marshall.....	96	95	85	50	88	Macoupin.....	100	78	93	85	95
McHenry.....	100	97	100	31	77	Mason.....	130	75	95	60	97
Mercer.....	100	109	100	97	97	McDonough.....	97	95	112	72	90
Ogle.....	97	88	92	27	98	McLean.....	99	69	97	74	102
Peoria.....	96	88	95	35	87	Menard.....	102	91	99	86	102
Putnam.....	100	95	97	32	101	Montgomery.....	102	91	99	86	102
Rock Island.....	102	98	104	52	71	Morgan.....	88	82	95	102	106
Stark.....	101	102	104	55	94	Moultrie.....	87	82	93	103	107
Stephenson.....	99	102	100	27	84	Platt.....	100	80	95	103	106
Warren.....	100	100	48	90	103	Pike.....	82	82	94	90	102
Whiteside.....	100	103	98	50	102	Sangamon.....	81	84	95	71	107
Will.....	98	98	84	54	89	Schuyler.....	100	97	109	43	94
Winnebago.....	98	96	102	34	89	Scott.....	90	92	100	65	102
Woodford.....	96	97	100	16	100	Shelby.....	99	88	99	63	100
						Tazewell.....	95	82	95	47	85
Average.....	98	97	37	89	94	Vermilion.....	80	77	94	67	100
						Average.....	93	85	94	71	96
											99
											104
											105

*Estimated.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.				
COUNTIES.					COUNTIES.					COUNTIES.				
Av. cond'n June 1, 1888					Av. cond'n June 1, 1888					Av. cond'n June 1, 1888				
1888	1887	1886	1885	1883	1888	1887	1886	1885	1883	1888	1887	1886	1885	1883
Boone ..	101	68	93	101	Adams ..	110	90	100	100	Alexander ..	110	102	106	110
Bureau ..	99	96	100	114	Brown ..	100	103	100	98	Bond ..	100	104	103	100
Carroll ..	100	117	89	105	Calhoun ..	106	98	102	105	Clay ..	102	98	93	103
Cook ..	103	99	85	100	Cass ..	105	100	95	100	Clinton ..	95	110	100	90
DeKalb ..	104	101	106	101	Champaign ..	100	98	86	101	Crawford ..	98	93	88	102
DuPage ..	103	102	92	105	Christian ..	99	97	110	116	Edwards ..	100	92	85	105
Grundy ..	100	90	100	103	Clark ..	104	97	99	104	Effingham ..	91	85	101	99
Henderson ..	98	93	102	104	Coles ..	100	100	73	106	Fayette ..	102	104	102	102
Henry ..	124	100	106	110	Cumberland ..	99	100	103	105	Franklin ..	103	102	105	102
Iroquois ..	97	95	91	107	DeWitt ..	106	97	114	103	Galatin ..	107	101	106	102
Jo Daviess ..	100	97	100	98	Edgar ..	107	100	103	96	Hamilton ..	100	112	110	95
Kane ..	101	94	100	109	Ford ..	100	91	86	110	Jackson ..	112	97	98	120
Kankakee ..	102	93	98	105	Greene ..	108	100	88	102	Jasper ..	87	97	95	102
Kendall ..	104	100	35	101	Fulton ..	102	103	100	115	Jefferson ..	100	103	93	100
Knox ..	102	103	109	105	Hancock ..	105	98	100	103	Johnson ..	103	93	100	105
Lake ..	102	92	100	95	Jersey ..	101	99	114	102	Lawrence ..	102	100	94	103
LaSalle ..	101	90	105	96	Logan ..	102	99	108	103	Madison ..	103	93	90	104
Lee ..	101	90	111	101	Macon ..	96	101	93	106	Marion ..	97	100	100	100
Livingston ..	110	92	88	107	Macoupin ..	97	97	108	102	Massac ..	*102	130	100	96
Marshall ..	104	95	105	106	Mason ..	105	97	99	105	Monroe ..	111	94	110	102
McHenry ..	110	105	103	100	McDonough ..	95	97	109	110	Perry ..	105	85	100	95
Mercer ..	105	101	112	107	McLean ..	105	97	99	102	Pulaski ..	105	107	113	104
Ogle ..	108	85	100	102	Menard ..	106	93	107	105	Randolph ..	112	88	97	100
Peoria ..	108	99	132	104	Montgomery ..	102	98	108	106	Saline ..	102	93	97	104
Putnam ..	96	97	100	104	Morgan ..	100	92	102	100	St. Clair ..	100	97	100	93
Rock Island ..	103	102	90	102	Moultrie ..	90	87	50	100	Union ..	110	117	77	100
Stark ..	104	97	99	107	Pike ..	100	98	87	103	Wabash ..	99	100	85	100
Stephenson ..	107	106	104	108	Sangamon ..	90	97	105	104	Washington ..	99	95	79	93
Warren ..	100	103	100	106	Schuyler ..	108	105	110	97	Wayne ..	102	87	103	105
Whiteside ..	104	97	86	103	Scott ..	100	103	110	90	White ..	102	92	97	100
Will ..	107	98	54	103	Shelby ..	96	94	109	97	Williamson ..	102	95	100	102
Winnebago ..	100	98	91	115	Tazewell ..	102	99	88	97	Willard ..	102	95	103	100
Woodford ..	104	91	101	104	Vermilion ..	80	93	100	121	Average ..	102	101	99	98
Average ..	104	91	101	104	Average ..	100	98	101	99	101	98	99	99	100

*Estimated.

FARM CROPS, CONDITION OR YIELD, JULY 1, 1888.

COUNTIES.	Corn.	Broom Corn.	Sorghum.	Winter Wheat.	Winter Rye.	Spring Wheat.	Barley.	Oats.	Flax.	Cotton.	Tobacco.	Irish Potatoes.	Sweet Potatoes.	Meadows.	Clover.	Timothy.	Pastures.
Adams.....	90		80	80	60			92				90	72	77	58	80	87
Alexander.....	101 92		97	103	105			100				102	97	93	100	101	98
Bond.....	96		90	66	75			111				104	94	67	67	65	84
Boone.....	89 95		102	103	98	102		100				101		89	84	88	98
Brown.....	95		90	75	87			102			100	100	95	97	70	100	97
Bureau.....	86 95		85	81	100	100 97		100				96	90	71	58	82	102
Calhoun.....	88		75	70	60			97			85	102	75	88	77	88	80
Carroll.....	90			98	110	102	100	105				117	90	95	90	100	100
Cass.....	97		93	97	105			92				100	97	95	42	105	95
Champaign.....	91	100	100	68	77	75		101				86	79	82	90	90	90
Christian.....	104 95	93	75	70	50	80		91				110	101	96	42	96	101
Clark.....	92 93	87	27	41				96			90	99	91	74	53	71	91
Clay.....	96	100	89	24	50			89			91	98	101	56	59	49	65
Clinton.....	95			25				110				110	5	35	25	35	95
Coles.....	95 89		92	29	75			104	100		100	97	94	71	57	74	79
Cook.....	85		110	75	101	100	100	101	100		100	99		87	87	85	92
Crawford.....	86 90		86	52	58	100		73			90	91	89	89	66	69	80
Cumberland.....	100 100		95	31	58			103	100		90	102	87	90	77	90	95
DeKalb.....	90 80			82	102	101	105	111				106		101	87	106	105
DeWitt.....	87		87	96	92	102		102				114	108	95	44	96	100
Douglas.....	95 93		90	60	85			103			80	100	98	80	57	83	83
DuPage.....	92 100			95	94	95	95	99	105		100	92		69	48	72	75
Edgar.....	96 94		85	52	95			91				86	93	84	72	83	83
Edwards.....																	
Effingham.....	106 100		104	47	80			104			100	101	98	79	74	82	88
Fayette.....	102 100		100	17	58			100			75	102	102	97	75	94	96
Ford.....	87		90	50	99	90		110	110			100		89	40	95	99
Franklin.....	100		94	57				86			87	98	95	74	34	81	90
Fulton.....	95		95	82	97	95		92				100	97	85	76	88	95
Gallatin.....	95		90	45				90			100	105	100	95	87	95	85
Greene.....	103		95	99	98			92				100	102	92	67	92	100
Grundy.....	95		95	100	100	95		100	90			100	95	100	100	97	100
Hamilton.....	101 100		85	58	72			102			97	106	101	77	65	80	91
Hancock.....	91 100		85	100	98			112				114	102	96	67	100	102
Hardin.....	101		95	85	95			105			85	110	95	65	90	65	105
Henderson.....	97		77	85	98	80	110	95				102	90	92	83	97	103
Henry.....	108 100		100	85	102	100	98	102	100			106	100	80	50	81	104
Iroquois.....	87 88		90	76	97	100	100	102	92			91	92	84	71	88	93
Jackson.....	105 80		97	83	75		80	103			110	97	85	63	60	70	103
Jasper.....	100 100		100	45	55			100			93	98	95	100	83	100	101
Jefferson.....	103 100		100	12	45			82			85	103	100	73	78	72	85
Jersey.....	102		100	70				100				93	90	82	82	83	87
JoDaviss.....	85			100	103	100	100	100			95	100		83	85	82	97
Johnson.....	87 100		85	67	74			100			95	95	80	57	77	75	72
Kane.....	87			95	98	92	90	102	100			100	100	83	60	82	95
Kankakee.....	89		87	72	97	95		112	105			98	90	97	87	101	98
Kendall.....	85			70	100	97		100				100		75	10	78	72
Knox.....	97 88		100	92	98	97		105				109	87	91	55	98	102
Lake.....	95 90		92	93	102	105	110	107	93			105		98	100	98	95
LaSalle.....	84		100	89	99	102		106				105	90	93	67	96	95
Lawrence.....	95	80	92	77				85				100	97	70	85	67	62

FARM CROPS, CONDITION OR YIELD, JULY 1, 1888—Continued.

COUNTIES.	Corn.	Broom Corn.	Sorghum.	Winter Wheat.	Winter Rye.	Spring Wheat.	Barley.	Oats.	Flax.	Cotton.	Tobacco.	Irish Potatoes.	Sweet Potatoes.	Meadows.	Clover.	Timothy.	Pastures.	
Lee.....	95	100	95	98	101	99	95	106	..	..	..	111	97	100	79	99	111
Livingston.....	66	70	67	63	73	65	..	94	85	..	..	88	87	90	82	85	93
Logan.....	95	..	97	84	100	100	..	102	..	..	..	108	99	92	79	93	105
Macon.....	102	..	100	65	100	110	..	93	..	..	..	101	100	89	10	90	86
Macoupin.....	93	100	91	66	90	..	..	89	..	..	..	108	93	83	69	85	93
Madison.....	97	..	90	77	80	..	130	113	..	..	100	90	100	72	70	73	82
Marion.....	107	105	102	50	50	..	..	96	95	..	95	104	99	61	70	71	90
Marshall.....	78	90	77	75	91	93	100	101	..	..	..	80	80	82	65	82	85
Mason.....	89	100	90	87	95	..	..	96	..	..	..	92	102	95	94	95	95
Massac.....	120	..	120	75	100	..	..	125	..	..	..	130	100	100	100	110	90
McDonough.....	97	..	92	84	97	100	..	95	..	..	..	109	100	90	72	94	108
McHenry.....	92	100	100	90	105	106	107	107	100	..	100	103	100	87	55	90	93	
McLean.....	90	..	100	92	97	95	..	96	..	..	..	99	95	102	80	100	112
Menard.....	97	..	90	85	99	..	..	90	..	..	..	107	100	75	17	85	87
Mercer.....	98	90	100	93	100	93	..	106	..	..	..	112	104	88	82	85	109
Monroe.....	110	100	100	50	..	..	..	100	..	..	100	110	100	50	70	40	50
Montgomery.....	103	100	97	80	72	..	..	88	..	..	100	108	102	96	64	98	99
Morgan.....	97	85	90	87	95	..	..	90	..	..	..	100	95	97	52	97	95
Moultrie.....	100	100	100	52	90	..	..	100	100	..	..	102	97	87	60	82	83
Ogle.....	92	..	100	75	107	98	90	97	..	..	..	100	100	83	77	80	92
Peoria.....	95	100	100	112	97	110	..	102	..	..	..	132	102	93	70	95	95
Perry.....	103	100	105	78	93	..	..	107	..	..	100	100	103	60	70	57	117
Piatt.....	95	100	100	95	87	100	..	105	..	..	..	87	100	87	50	90	95
Pike.....	92	97	98	74	97	..	..	100	..	..	..	98	98	85	59	86	94
Pope.....	93	90	98	74	75	..	..	105	..	90	90	102	100	82	63	83	95
Pulaski.....	113	100	100	113	..	..	..	103	..	..	97	113	93	85	92	83	93
Putnam.....	89	..	87	82	99	103	..	103	..	..	..	100	92	84	68	87	97
Randolph.....	105	100	103	75	97	..	110	107	..	..	110	90	100	70	70	70	92
Richland.....	106	97	87	46	76	..	..	91	90	..	..	104	100	68	82	61	80
Rock Island.....	91	..	75	100	99	79	95	101	..	..	..	102	97	86	58	93	104
Saline.....	100	..	95	72	80	..	..	100	..	..	95	100	100	92	72	95	90
Sangamon.....	96	..	105	80	100	..	..	71	..	..	..	100	100	79	58	92	95
Schuyler.....	91	..	94	79	95	..	..	109	..	..	..	110	102	100	82	96	109
Scott.....	100	..	..	100	100	..	..	105	..	..	..	110	100	100	100	100	100
Shelby.....	100	96	93	51	62	70	50	97	..	..	88	109	98	92	80	96	99
Stark.....	99	..	100	82	98	102	100	105	..	..	..	102	97	94	90	95	104
St. Clair.....	120	..	..	56	100	..	..	117	..	..	..	117	100	95	100	95	112
Stephenson.....	90	..	95	97	102	99	102	102	..	..	100	99	..	92	87	94	100
Tazewell.....	93	..	..	86	96	100	..	105	..	..	..	88	97	96	76	96	95
Union.....	100	..	80	70	90	..	..	100	..	..	..	100	95	90	100	100	100
Vermilion.....	111	..	90	44	105	..	..	115	100	..	..	100	100	77	41	77	94
Wabash.....	80	..	73	74	..	..	..	81	..	..	100	79	76	61	67	59	60
Warren.....	94	100	95	94	97	100	..	76	..	..	100	104	103	84	86	85	100
Washington.....	100	100	98	50	98	..	75	105	..	..	100	105	100	80	80	58	95
Wayne.....	92	100	90	7	5	..	..	82	..	..	..	95	96	95	52	57	71
White.....	82	80	87	61	65	..	..	79	..	..	05	91	86	44	41	42	58
Whiteside.....	93	..	80	75	93	95	90	98	..	..	..	100	100	100	92	65	98
Will.....	87	92	..	85	97	95	100	92	95	..	..	86	75	87	77	84	84
Williamson.....	100	100	90	69	75	..	..	111	..	100	92	100	92	66	39	65	72
Winnebago.....	86	70	75	86	102	94	95	106	97	86	72	89	102
Woodford.....	85	80	95	95	95	92	..	102	100	..	..	91	98	98	74	96	100

FARM AND FRUIT CROPS, ACREAGE AND YIELD.

COUNTIES.	ORCHARDS.			VINEYARDS.		Hungari'n compared with 1887.	Woodland. compared with 1887.	Wheat harvest com- menced.
	Apple	Peach.	Pear.					
	Acreage '88 compared with 1887.	Acreage '88 compared with 1887.	Acreage '88 compared with 1887.	Condition July 1, 1888.	Acreage '88 compared with 1887.			
Adams	87		72	70	100	100	95	June 26.
Alexander	102	100	100	102	105	100	100	June 14.
Bond	80	101	87	92	100	115	98	June 20.
Boone	95			98	100	107	99	
Brown	72		100			90	62	June 28.
Bureau	92			100	100	102	98	
Calhoun	83	40	20	75		60	89	June 25.
Carroll	77			100	100	50	100	
Cass	97	100		105	100	100	97	June 25.
Champaign	100	100	93	98	100	100	100	
Christian	103	106	98	96	100	98	97	June 27.
Clark	95	100	100	95	101	90	97	June 25.
Clay	93	102	100	100	100	105	99	June 24.
Clinton	100	100	106			130	75	June 20.
Coles	101	100	95	102	100	106	95	June 27.
Cook	91		100	75	100	105	97	
Crawford	92	101	98	102	104	105	94	June 15.
Cumberland	87	117	100	112	92	102	82	June 25.
DeKalb	70	75	100	96	100	110	100	
DeWitt	100			100	107	110	99	
Douglas	107	100	90	100	100	100	95	June 30.
DuPage	64	30		82	90	127	99	
Edgar	112	100	100	99	100	93	94	June 25.
Edwards								
Effingham	92	100	97	93	100	106	96	June 15.
Fayette	80	95	100	77	100	123	93	June 20.
Ford	93			95	100	113	90	
Franklin	94	95	105	65	100	80	78	June 20.
Fulton	100			100	110	100	92	July 1.
Gallatin	87	62	80	75	100	102	86	June 18.
Greene	99	100	92	100	100	90	98	June 20.
Grundy	100	93		100	105	100		
Hamilton	92	77	95	90	99	105	90	June 20.
Hancock	101		100	90	100	100	98	June 28.
Hardin	108	110	102	85	108	100	95	
Henderson	77			80	97	100	97	
Henry	97		80	104	100	90	100	
Iroquois	91	100	100	96	100	95	98	
Jackson	78	93	100	93	100	50	95	June 18.
Jasper	102	102	95	103	100	110	98	June 18.
Jefferson	95	105	75	100	100	108	98	
Jersey	100	100	100	62	100	103	100	June 27.
Jo Daviess	80			92	100	100	100	
Johnson	102	100	100	100	100	90	95	June 20.
Kane	57	100	100	72	95	75	100	
Kankakee	87			93	100	100	100	
Kendall	70			97	100	100	97	
Knox	82			97	100	131	95	
Lake	83		95	97	100	105	97	
LaSalle	53			85	100	100	97	
Lawrence	82	102	82	100	100		95	June 15.

FARM AND FRUIT CROPS, ACREAGE AND YIELD.—Continued.

COUNTIES.	ORCHARDS.			VINEYARDS.		Hungari'n and Millet.	Woodland.	Wheat harvest com- menced.
	Apple.	Peach.	Pear.					
	Acreage '88 com:pared with 1887.	Acreage '88 com:pared with 1887.	Acreage '88 com:pared with 18-8.	Condition July 1, 1888.	Acreage '88 com:pared with 1887.	Acreage '88 com:pared with 1887.	Acreage '88 com:pared with 1887.	
Lee.....	93		80	96	95	98	92	
Livingston.....	78	75	70	97	95	95	95	
Logan.....	100	80		100	100		100	
Macon.....	100	100	97	104	110	110	99	June 30.
Macoupin.....	98	100	110	100	94	110	93	June 26.
Madison.....	108	200	87	75	100	200	97	June 21.
Marion.....	106	125	100	95	105	125	97	June 25.
Marshall.....	90	100	100	87	98	105	95	June 26.
Mason.....	99	100	95	97	100	100	100	June 28.
Massac.....	110	100	100	100	100		100	June 16.
McDonough.....	62		75	100	100	100	98	June 25.
McHenry.....	79		75	96	100	100	100	
McLean.....	94	75	55	103	99	100	91	
Menard.....	102	100	90	90	100		100	June 27.
Mercer.....	95			88	100	90	100	
Monroe.....	110	80	100	100	110	110	100	June 20.
Montgomery.....	100	125	95	100	102	96	99	June 25.
Morgan.....	101	100	100	100	100	92	99	June 25.
Moultrie.....	98	75	77	98	93	95	100	July 1.
Ozle.....	100			100	105	100	100	
Peoria.....	87			110	112	129	97	
Perry.....	93	103	100	95	100	97	85	June 15.
Piatt.....	100		90	100	105		95	
Pike.....	102	100	100	97	100	125	97	June 25.
Pope.....	95	103	100	95	100	103	98	June 10.
Pulaski.....	105	117	102	108	123	110	98	June 12.
Putnam.....	82			100	103	100	100	
Randolph.....	110	108	100	105	103	118	100	June 22.
Richland.....	106	101	100	97	102	117	99	June 18.
Rock Island.....	91			88	100	100	100	
Saline.....	102	100	100	100	100	105	99	June 18.
Sangamon.....	100	100	100	93	100		99	June 28.
Schuyler.....	104	75	94	101	100	95	95	June 27.
Scott.....	100		100	100	100		95	
Shelby.....	104	114	96	90	102	99	97	June 20.
Stark.....	82		100	102	103	107	98	
St. Clair.....								June 25.
Stephenson.....	85			97	100		99	
Tazewell.....	90		85	101	102	103	98	June 28.
Union.....	100	100	80	90	90	80	100	June 20.
Vermilion.....	88	100	92	113	100	102	100	
Wabash.....	101	90	100	94	100	125	96	June 20.
Warren.....	94		100	91	100	97	99	
Washington.....	100	98	100	93	100	108	96	June 20.
Wayne.....	97	97	100	75	100	110	98	June 18.
White.....	98	95	100	87	100	162	98	June 13.
Whiteside.....	60			100	103	110	100	
Will.....	75		57	93	103	107	92	
Williamson.....	79	100	82	97	97	121	97	June 15.
Winnebago.....	81		100	91	100	100	97	
Woodford.....	64	100	100	84	100	105	100	

FARM AND FRUIT CROPS—Acreage, condition, yield, etc., July 1, 1888.

COUNTIES.	CHERRIES.	STRAW-BERRIES.	RASP-BERRIES.	GOOSE-BERRIES.	CUR-RANTS.	FIELD BEANS.	FIELD PEAS.	Wool
	Yield.	Yield.	Yield.	Yield.	Yield.	Condition July 1, 1888 Acreage 1888, com- pared with 1887.	Acreage 1888, com- pared with 1887.	Clip of 1888, com- pared with 1887.
Adams.....		90	90	100	87			100
Alexander.....	97	90	100	100	100	97	100	101
Bond.....	62	97	90	83	75	102	108	90
Boone.....	27	73	92	90	80	100	100	91
Brown.....	30	90	95	100	75	100	80	88
Bureau.....	10	65	57	77	97	100	100	97
Calhoun.....	70	40	72	75	70	80	70	80
Carroll.....		105		70	80	100	100	66
Cass.....	42	40	91	125	67			100
Champaign.....	80	56	65	83	66	83	100	84
Christian.....	75	66	92	97	80	92	96	101
Clark.....	50	72	74	90	84	92	100	81
Clay.....	66	64	81	99	91	100	107	62
Clinton.....	50	50	75	85	25	50	75	75
Coles.....	77	66	86	86	81	103	97	91
Cook.....	80	100	100	100	100	100	200	97
Crawford.....	71	74	90	94	80	95	100	87
Cumberland.....	100	72	83	97	95	100	75	87
DeKalb.....		90	90	47	50	100	100	81
DeWitt.....	67	77	92	102	69	100	110	93
Douglas.....	98	88	92	95	72	100	105	90
DuPage.....	20	42	27	37	30	80	100	72
Edgar.....	93	76	100	94	76	112	100	98
Edwards.....								
Effingham.....	90	79	80	92	76	94	102	81
Fayette.....	77	52	92	86	79	92	100	92
Ford.....	47	50	60	25	15			100
Franklin.....	77	57	75	95	95	103	105	89
Fulton.....	62	96	94	103	100	100		96
Gallatin.....	82	75	80	80	65	100	105	
Greene.....	64	76	86	95	99	97	101	91
Grundy.....	90	75	80	90	90	95	90	95
Hamilton.....	72	85	100	90	72	104	99	71
Hancock.....	20	72	75	105	67	100	100	100
Hardin.....	100	90	60	85	25	100	105	80
Henderson.....		70	87	92	67			98
Henry.....	15	70	77	93	58	100	100	86
Iroquois.....	64	74	73	73	67	97	100	91
Jackson.....	93	83	100	100	97	100	100	85
Jasper.....	73	83	87	100	92	92	97	97
Jefferson.....	100	78	100	90	50	77	90	87
Jersey.....	92	75	75	75	63	100	100	85
JoDavies.....	50	125	100	100	85			100
Johnson.....	100	75	100	100		90	100	102
Kane.....	40	87	92	87	32	90	95	87
Kankakee.....	60	70	90	58	60			90
Kendall.....		67	58	77	45			87
Knox.....	5	73	86	105	82	98	100	90
Lake.....	65	92	87	65	65	98	98	80
LaSalle.....		75	84	87	72	80		98
Lawrence.....	55	95	95	82	92	100	80	90

FARM AND FRUIT CROPS—Acreage, condition, yield, etc., July 1, 1888—
Continued.

COUNTIES.	CHERRIES.	STRAW-BERRIES.	RASP-BERRIES.	GOOSE-BERRIES.	CUR-RANTS.	FIELD BEANS.	FIELD PEAS.	Wool
	Yield.	Yield.	Yield.	Yield.	Yield.	Condition July 1, 1888 Acreage 1888, com- pared with 1887.	Acreage 1888, com- pared with 1887.	Clip of 1888, com- pared with 1887.
Lee.....	20	94	97	100	57	100	92	100
Livingston.....	35	77	80	55	48	55	62	80
Logan.....	67	77	71	112	100	100	100	100
Macon.....	100	72	82	85	100	100	100	76
Macoupin.....	81	73	93	94	76	90	105	110
Madison.....	80	100	100	100	100	100	100	100
Marion.....	63	72	99	95	83	100	100	92
Marshall.....	62	88	72	82	80	80	95	85
Mason.....	62	67	71	100	100	100	100	100
Massac.....	40	80	100	100	100	100	100	100
McDonough.....	62	77	69	81	58	100	105	70
McHenry.....	50	103	83	100	50	100	100	80
McLean.....	87	80	75	99	92	85	100	85
Menard.....	75	87	90	95	75	100	100	98
Mercer.....	25	80	81	90	51	100	100	100
Monroe.....	100	60	60	100	100	100	100	80
Montgomery.....	88	68	77	77	77	100	100	95
Morgan.....	100	70	33	107	93	80	100	96
Moultrie.....	93	83	70	100	98	100	100	85
Ogle.....	60	70	83	75	42	100	100	100
Peoria.....	17	45	100	103	88	125	125	92
Perry.....	58	90	100	83	68	100	90	110
Piatt.....	100	100	100	100	100	100	100	92
Pike.....	43	62	87	98	87	95	100	90
Pope.....	88	82	85	100	87	77	100	100
Pulaski.....	107	38	100	83	100	100	112	180
Putnam.....	27	77	82	97	95	95	100	94
Randolph.....	97	37	87	100	100	100	125	90
Richland.....	74	83	90	91	65	103	108	105
Rock Island.....	92	95	72	76	62	100	100	100
Saline.....	92	80	90	100	100	100	100	105
Sangamon.....	87	80	95	105	90	100	100	81
Schuyler.....	53	60	80	107	79	100	100	87
Scott.....	76	67	100	102	98	82	89	100
Shelby.....	47	71	82	108	91	100	105	100
Stark.....	100	100	100	100	100	100	100	95
St. Clair.....	37	100	81	97	30	98	98	100
Stephenson.....	45	94	97	99	94	100	100	87
Tazewell.....	100	60	100	75	80	100	90	100
Union.....	106	82	79	72	58	100	100	101
Vermilion.....	66	62	79	89	77	100	100	94
Wabash.....	40	98	95	92	82	97	100	95
Warren.....	80	80	97	103	87	97	100	115
Washington.....	50	90	95	95	85	100	106	110
Wayne.....	65	62	82	65	77	80	100	64
White.....	20	75	100	80	75	100	100	100
Whiteside.....	37	32	95	57	42	82	90	79
Williamson.....	56	62	57	52	65	75	91	111
Winnebago.....	15	91	95	110	67	94	100	85
Woodford.....	29	80	68	79	72	77	92	90

MONTHLY WEATHER REVIEW

—OF THE—

ILLINOIS STATE WEATHER SERVICE,

—FOR—

JULY, 1888.

—CONTAINING—

SUMMARY OF METEOROLOGICAL OBSERVATIONS

—MADE TO THE—

Illinois State Board of Agriculture.

CHARLES F. MILLS,

Secretary State Board of Agriculture.

JAS. CASSIDY,

Observer, Signal Corps.

SPRINGFIELD:
STATE JOURNAL PRINT.
1888.

MONTHLY WEATHER REVIEW

OF THE

ILLINOIS STATE WEATHER SERVICE

SPRINGFIELD, JULY, 1888.

(The State covers such an extended area from north to south (385 miles) that it has been found advisable to divide the same and follow the judicial divisions, which include the following territory, viz: the Northern Division extends from $42^{\circ} 30'$ to about $40^{\circ} 31'$; the Central Division extends from about $40^{\circ} 31'$ to about 39° ; the Southern Division from about 39° to $36^{\circ} 51'$.)

INTRODUCTORY.

The noticeable features of July have been a marked uniformity of atmospheric pressure and irregularity in rainfall.

From the 1st to the 8th the oscillations of the barometer were very slight, the pressure being slightly above the average. On the 9th and 10th the only decided "Low" of the month occurred, and from that date until the end of the month the pressure was mostly above the average. The lowest barometer was on the 10th and the highest on the 20th.

The temperature was nearly the average, except in a few stations where it was the average or slightly above. The middle of the month was comparatively cool, but the first and last days were extremely hot. The hottest days were the 7th and 31st; the coolest day was the 14th. During the last days of the month the temperature was every where above 90° , and in some instances above 100° .

The deficiency in temperature during the present year still continues and extends to nearly all parts of the country. It is greatest however in the Lake Region,

the Upper Mississippi Valley and the Missouri Valley. In all this region extending from Duluth, Minnesota, to Oswego, New York, from St. Paul, Minnesota, to Cairo, Illinois, and from Huron, Dakota, to Springfield, Missouri, there is, according to the Bulletin of the Chief Signal Officer, issued on the 28th ult., a large deficiency, ranging from 291 degrees at Cleveland, Ohio, to 1265 degrees at LaCrosse, Wis. At St. Paul there is a deficiency of 1233, at Duluth of 1173, at Marquette of 1171, and at Davenport, Iowa, of 955 degrees, while at Cairo it is 376, and St. Louis 384 degrees. This means that during the 210 days ending July 28th the temperature, within the above immense region, has been from 291 to 1265 degrees below the average of the same number of days in preceding years.

There is also a deficiency of rainfall in the above mentioned regions, but it is not so general or so large as the deficiency in temperature. The greatest is 7.50 inches at Rochester, New York, and the least 0.59 inch at Duluth. Unlike the temperature, however, there are several localities where there has been an excess. The largest excess is 6.80 inches at Davenport, Iowa, and the least 0.02 inch at St. Louis, Mo. At Chicago there has been a deficiency of 3.08 inches, and one of exactly the same quantity at Cairo, while there has been an excess of 2.07 inches at Springfield. The stations which report an excess are, besides those mentioned, Marquette, St. Paul, LaCrosse, Keokuk and Valentine, Nebraska.

A marked feature of the month was the great wind and rain storm, on the afternoon of the 4th, which swept across Iowa and this State, doing immense damage to standing crops. In Illinois the oat crop, which had never been so promising, was probably damaged one-third by the wind.

The heaviest and most general rainfall of the month occurred on the 8th and 9th. The following are some of the largest amounts reported: Atwood, 4.68 inches; Mahomet, 3.36; Aana, 2.50; Aledo, 2.42; Peoria, 2.00; Beason, 1.95; Springfield, 1.81; Paris, 1.76; Greenfield, 1.79; Oswego, 1.60. At Peoria on the 8th, 1.10 inch fell in thirty minutes; but probably the heaviest rainfall of the month was at Pekin, on the 26th, when 2.20 inches fell in an hour. The heaviest continuous rainfall of which this office has any record occurred, however, on the evening of the 8th and morning of the 9th, in Champaign county, 8.10 inches falling at Philo in twenty-two hours. All the rainfall of the month was in showers, mostly heavy, but varying greatly in amount—in some places far above the average, and in others, only a few miles distant, far below. There was a fall of 8.86 inches at Philo; 7.94 at Pekin; 7.06 at Atwood; 6.81 at Griggsville; 6.48 at Peoria; 6.30 at Jacksonville; while only 0.70 inch was the total for the month at Joliet.

Thunderstorms were not unusually numerous, but some of them were very severe, especially the one that visited Pekin on the evening of the 26th.

ATMOSPHERIC PRESSURE.

(Inches and thousandths.)

The mean pressure of the month, as deducted from the reports of thirteen stations, where the barometer readings were approximately reduced to sea level, was 30.006. This is considerably above the average of previous Julys. The highest was 30.240 and the lowest 29.575.

TEMPERATURE.

(Degrees, Fahrenheit.)

The average temperature for July was 77°.0, which was 0°.4 above the average of the past ten years.

The following are the most marked departures from the normal temperature for July:

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	Deg.	County.	Place.	Deg.
Peoria	Peoria	1.7	Champaign	Philo	2.0
Madison	Collinsville	1.3	Bond	Greenville	2.1
Kendall	Oswego	1.0	Hancock	Keokuk	1.9
			Stephenson	Cedarville	1.8
			Shelby	Windsor	1.6
			Sangamon	Springfield	1.5
			Pike	Griggsville	1.4
			Lake	Lake Forest	1.5

PRECIPITATION.

(Inches and hundredths.)

Average precipitation for each Division for July of the years specified:

TERRITORY.	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Average.
Northern Division..	3.12	6.46	4.13	4.36	4.64	4.55	5.97	3.27	0.87	2.33	3.79	3.95
Central Division....	2.72	3.13	1.89	2.80	2.86	4.23	3.62	3.20	1.44	1.65	5.34	2.99
Southern Division..	2.93	3.99	4.55	0.48	4.17	5.74	3.96	2.17	1.47	2.19	3.02	3.15
The State	2.91	4.53	3.52	2.55	3.85	4.83	4.50	2.88	1.26	2.66	4.05	3.36

The following are the most marked departures from the normal precipitation for July:

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	Inches.	County.	Place.	Inches.
Pike	Griggsville	4.91	St. Clair	St. Louis	1.71
Champaign	Philo	4.50	Pope	Golconda	1.81
Tazewell	Pekin	4.39	DeKalb	Sycamore	1.60
Rock Island	Davenport	3.55			
Madison	Collinsville	2.98			
Sangamon	Springfield	2.49			
Peoria	Peoria	2.48			
Clinton	Irishtown	1.71			
Bond	Greenville	1.55			

MEAN RELATIVE HUMIDITY.

NORTHERN DIVISION.		CENTRAL DIVISION.		SOUTHERN DIVISION.	
Station.	Per cent.	Station.	Per cent.	Station.	Per cent.
Lake Forest	79.0	Pekin	78.0	Richview	76.2
Chicago	68.2	Keokuk, Iowa.....	.....	Cairo .....	.....
Aurora .....	.....	Springfield.....	.....	St. Louis.....	67.0
Prairieville.....	.....	Windsor	77.2		
Peoria.....	69.0	Jacksonville.....	79.0		
Watseka	78.0				
Monmouth .....	.....			
Davenport, Ia.....	76.7				
Mean.....	74.2	Mean.....	78.1	Mean.....	71.6

The mean relative humidity for State, 74.6 per cent.

MAXIMUM AND MINIMUM TEMPERATURE.

Table of maximum, minimum and mean temperatures for July.

TEMPERATURE.	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Average.
Maximum.....	104	102	100	104	97	99	98	104	104	108	106	102
Minimum.....	54	54	46	53	45	47	50	43	44	40	49	47.7
Mean.....	97.0	78.3	74.7	78.5	72.7	74.9	73.8	78.1	77.1	80.0	77.0	76.7

WIND.

The following is the wind data for July, as reported from stations having self-registering anemometers:

STATIONS.	WIND—Miles.		
	Total movement.	Average hourly velocity.	Maximum hourly velocity—direction and date.
Chicago.....	6,450	8.9	39 miles N. E. on the 12th.
Prairieville.....	.....	.....	.....
Davenport, Ia.....	5,074	7.0	42 miles S. on the 25th.
Watseka	3,330	4.6	20 miles S. W. on the 4th.
Keokuk, Ia	4,794	6.6	36 miles from N. W. on 4th, 5th, 6th.
Jacksonville.....	.....	.....	.....
Springfield.....	4,325	6.0	40 miles from the N. W. on the 4th.
Windsor	3,662	5.1	40 miles from the N. W. on the 4th.
St. Louis, Mo	5,892	8.1	36 miles from the N. E. on the 5th.
Cairo	3,789	5.2	48 miles from the S. W.

NOTE: The average hourly velocity is obtained by dividing the total movement by 24 times the number of days in the month.

DIRECTION OF WIND.

TERRITORY.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
Northern Division	0	4	1	7	2	10	0	0
Central Division.....	0	0	1	6	5	7	0	0
Southern Division.....	1	3	0	3	0	6	1	1
The State	1	7	2	16	7	23	1	1

THUNDERSTORMS.

Atwood, on the 3d, 7th, 8th and 28th; Lacon, on the 4th, 8th, 25th, 26th and 31st; Golconda on the 3d, 8th, 9th, 17th and 27th; Dwight, on the 3d, 6th, 14th, 26th and 31st; Pana, on the 3d, 4th, 5th, 8th, 9th, 14th, 17th, 26th and 27th; Beason, on the 4th and 27th; Peoria, on the 4th, 7th, 8th, 22d, 25th and 26th; Keokuk, on the 3d, 4th, 5th, 7th, 8th, 14th, 16th, 25th and 26th; Philo, on the 8th; Springfield, on the 3d, 4th, 5th, 8th, 9th, 14th and 27th; Riley, on the 3d, 4th, 8th, 22d and 31st; Oneida, on the 4th, 7th, 8th and 25th; Richview, on the 3d, 5th, 9th, 14th and 28th; Winchester, on the 3d and 7th; Ottawa, on the 3d, 4th, 7th, 8th and 31st; Cedarville, on the 3d, 4th, 8th, 22d and 29th; Watseka, on the 8th, 26th and 31st; Jordan's Grove, on the 3d, 8th, 14th and 25th; Jacksonville, on the 2d, 16th and 28th; Mt. Morris, on the 3d, 4th, 7th, 8th, 21st, 22d, 25th, 26th and 31st; Greenville, on the 5th, 8th, 26th, 27th and 28th; Collinsville, on the 8th, 14th, 17th and 26th; Belvidere, on the 3d, 4th, 26th, 29th and 31st; Lanark, on the 3d, 4th, 7th, 21st, 29th and 31st; Pontiac, on the 4th, 8th, 9th and 26th; Mahomet, on the 4th and 8th; Winnebago, on the 3d, 4th, 22d and 30th; McLeansboro, on the 3d, 4th, 7th, 8th, 26th, 27th and 28th; Eberle, on the 4th, 8th, 10th, 18th and 19th; Kampville, on the 8th, 16th, 22d and 27th; Windsor, on the 3d, 8th, 9th and 28th; Lake Forest, on the 3d, 4th, 6th, 7th and 8th; Griggsville, on the 9th, 22d and 25th; Sycamore, on the 3d, 4th, 22d, 26th and 31st; Olney, on the 3d, 4th, 7th, 8th, 9th, 18th, 23d, 25th, 27th, 28th and 31st; Brush Hill, on the 3d, 4th, 8th and 26th; White Hall, on the 5th, 7th, 8th, 9th, 14th, 16th, 25th, 26th, 27th and 28th; Oswego, on the 22d and 31st; Irishtown, on the 7th, 8th and 27th; Centralla, on the 3d, 9th, 26th and 28th; Mascoutah, on the 3d, 4th, 7th, 8th, 14th, 16th, 25th, 26th, 27th and 28th; Pekin, 4th, 6th, 8th, 25th and 26th; Aledo, on the 4th and 8th; Paris, on the 4th, 7th, 8th and 28th; Old DuQuoin, on the 4th, 8th, 14th and 28th.

OPTICAL PHENOMENA.

SOLAR HALOS.

Riley, on the 1st, 21st and 28th; Richview, on the 16th and 24th; Jordan's Grove, on the 23d; Jacksonville, on the 23d, 24th, 25th and 26th; Lanark, on the 21st; McLeansboro, on the 16th.

LUNAR HALOS.

Pekin, on the 17th and 14th.

PARHELIA.

Jordan's Grove, on the 23d.

AURORA.

Pekin, on the 31st.

POLAR BANDS.

Riley, on the 13th, 21st and 24th; Pekin, on the 6th.

MISCELLANEOUS PHENOMENA.

HAIL.

Belvidere, on the 31st; Pontiac, on the 26th.

METEORS.

Camargo, on the 31st; Pekin, on the 30th.

SUNSPOTS, JULY, 1888.

RECORDED BY JOHN W. JAMES, VOL. OBSERVER, RILEY.

July 6th two small spots formed two days from W. edge; 13th two small spots formed W. of sun's meridian. One had increased in size very much on the 15th, disappearing by the solar rotation on the 17th. None seen the rest of the month. A minimum of these spots occurs in 1889.

THE following Weekly Weather Crop-Bulletins have been issued by this office during July, 1888, being a summary of the weekly reports made to the Secretary of the State Board of Agriculture, by the Observers of the Illinois Weather Service and Crop Reporters, in connection with the U. S. Signal Service.

DEPARTMENT OF AGRICULTURE.

SPRINGFIELD, ILL., July 7, 1888.

The crop correspondents of the State Department of Agriculture and the Signal Service of the Illinois Weather Service, representing all portions of the State, have made the following report for the week ending July 7, 1888, to the Secretary of the State Board of Agriculture, concerning the weather and the condition of the growing crops.

SEASON.

Temperature.—The mean temperature of the week was above the average in nearly all parts of the State and was favorable to the growth of crops and all kinds of vegetation.

Rainfall.—The average rainfall for the whole State was considerably below the average of corresponding weeks of previous years. There were some heavy local showers, especially in the northern part of the State, which in many of the localities visited by them, raised rainfall considerably above the seasonable average. The heaviest reported was in Bureau county on the afternoon of the 4th. The storm of the 4th was very severe and quite extensive; and as it was mainly a wind-storm, much damage was done to growing crops, especially oats. In the following counties oats are reported as badly lodged and corn in many instances considerably damaged, viz: Rock Island, Ogle, Bureau, Putnam, Marshall, LaSalle, Henderson, McDonough, Tazewell, Fulton and Macon. The same conditions prevail in some of the adjoining counties from which reports have not been received.

Sunshine.—The cloudiness has been below the average and much less than during the preceding week.

CROP PROSPECTS.

The high temperature, humidity and prevailing sunshine were highly favorable and induced an accelerated growth in all growing crops, and but for Wednesday's storm nothing but favorable reports would have been received.

Corn.—Corn has generally improved; its growth has been rapid and notwithstanding the effects of the storm in some localities, is in very satisfactory condition. The rapid growth of the week also applies to weeds, which require additional attention.

Oats.—This crop for the whole State is above the average, and would have been much

more so but for the extensive lodgement caused by the late storm. Still it is believed that the damage done in this respect will be less than at first anticipated.

Wheat.—Spring wheat in the northern counties continues to improve and will in most instances be fully an average crop. Winter wheat is in much the same condition as reported the preceding week, is ripening fast in the central part of the State, and is nearly all harvested in the Southern Division. In some instances when harvested the yield is fully up to the average, but in general it is less and the quality of the grain somewhat inferior. Chinch-bugs are still operating and some damage resulting.

Meadows and pastures continue to improve. Fruit prospects are favorable in most localities. Live stock fully up to an average and doing well.

DEPARTMENT OF AGRICULTURE,
SPRINGFIELD ILL., July 14, 1888.

SEASON.

Temperature.—The mean temperature for the week past was nearly up to the average of corresponding weeks in previous years. The temperature was up to a seasonable average only during the early part of the week.

Rainfall.—The Central Division and the northern counties in the Southern Division of the State have been visited, during the past week, with heavy rains, and in many localities by high winds, resulting in considerable damage to oats. The grass and corn in the extreme northern and most southernly counties would be benefitted by more rain. The heaviest rain on record is reported in some of the central counties on the 8th and 9th. In Champaign county 8.10 inches of rain fell on the dates named in twenty-two hours.

Sunshine.—Cloudiness has prevailed during the week to such an extent as to reduce the per cent. of sunshine as compared to a seasonable average.

CROP PROSPECTS.

The weather during the past week has interfered with wheat and hay harvest and the cultivation of corn. The rain and high winds that have prevailed, especially in the Central Division of the State prostrated the oats and reduced the prospects for what promised to be the largest crop of oats ever harvested in this State.

Corn.—This crop has made very rapid growth during the past week, and, except in the chinch-bug region, is vigorous and promises well. Complaints of the damage to this crop from chinch-bugs are mainly from the southern counties. Considerable corn stands much in need of cultivation which has been delayed by the harvest and rains.

Oats.—This crop was badly lodged in the Central Division of the State by the heavy rains and winds on the 8th and 9th. In some localities oats have been so prostrated that three-fourths of the crop cannot be harvested. This crop has been damaged in some portions of the State by rust, more in the Southern Division than elsewhere. In localities where this crop has not been lodged there will be an unusual large yield per acre.

Wheat.—The heavy rains during the past week have seriously interfered with the wheat harvest in the Central Division of the State. The harvest has demonstrated the fact that the yield per acre in the winter wheat belt of the State is less than heretofore estimated, and that the quality is not up to an average. The prospects for spring wheat continue good, notwithstanding the few complaints of the appearance of rust in the northern portion of the State.

Meadows.—The hay crop is large and of better quality than heretofore reported. This is mainly owing to the heavy undergrowth, the result of rains, so much needed by grass early in the season. The frequent rains since the farmers commenced cutting meadows have delayed the harvest, and reduced the quality of hay.

DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, ILL., July 21, 1888.

SEASON.

Temperature.—The mean temperature has not been up to a seasonable average during

the past week. The prevailing humidity of atmosphere and sunshine have made the conditions favorable for farming operations.

Rainfall.—The precipitation during the past month has been ample for the growing crops in nearly all portions of the State and notwithstanding the limited rainfall during the past week, the localities needing rain are the exception.

Sunshine.—There has been a seasonable amount of sunshine during the past week and the conditions have been favorable for the growth and the harvesting of the crops.

CROP PROSPECTS.

Corn.—In all excepting a few counties the condition of corn is up to a July average. This crop is making rapid and satisfactory growth except in some of the southeast counties where the chinch-bugs are present in large numbers.

Oats.—This crop is being harvested in many of the central counties at great disadvantage and loss and where so badly lodged will not make half an average yield per acre. The quality is good.

Winter Wheat.—The crop is generally in shock and some threshing has been done. The yield per acre in the central portion of the State will be about up to an average. The quality is from medium to poor. There is considerable complaint of wheat sprouting in the shock in central Illinois where the rains have been heavy and frequent since the beginning of harvest. There will be nearly an average yield per acre of spring wheat in the northern counties.

Meadows.—The hay crop will be larger than expected and the late cutting is being saved in better condition than that harvested early this season.

Pastures.—Grass has made good growth since the general rains and excepting in some of the southern and a few of the northern counties is not needing rain.

Rye.—This crop has generally been saved in good condition, and the yield is, per acre, up to the average.

The fruit prospects are very good in the southern portion of the State and in other sections there will be a larger crop of apples and small varieties of fruit than for some years past.

DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, ILL., July 28, 1888.

SEASON.

Temperature.—The mean temperature during the past week has been up to a seasonable average.

Rainfall.—The reports from all sections of the State indicate less than a seasonable rainfall during the past week.

In but few of the Southern counties has there been any recent rain, and there are many complaints from this section of deficiency of needed moisture for the crops. Heavy local showers are reported on the 26th and 27th in the counties of Marshall, Peoria, Fulton, Tazewell, Adams, Cass, Madison and Clinton.

Sunshine.—There was more than an average percentage of sunshine during the past week.

CROP PROSPECTS.

The crop conditions in the main are as favorable as on the 21st of July in the Central and Northern Divisions of the State and in the few Southern counties visited by the late rains.

The weather has been favorable during the past week for saving the hay and grain crops, and the growing crops have had the benefit of seasonable temperature and more than an average percentage of sunshine.

Corn.—The condition of corn is good, and in nearly all portions of the State the prospects are more favorable for this crop than last week. In some localities in Southern Illinois there are complaints of a lack of sufficient moisture for corn; this is especially the case

in the chinch-bug region. The late corn in many localities stands much in need of cultivation.

Oats.—The harvest of this crop is nearly completed in the Northern counties. Some threshing has been done in Central and Southern Illinois, and the yield and quality is good except where the crop was badly lodged by the storms.

Wheat.—Threshing is well advanced in the Central and Southern counties. The quality of wheat is not up to an average, and in the chinch-bug region the yield per acre is as unsatisfactory as the low grade. The yield and quality of spring wheat is nearly up to an average. The area devoted to spring wheat in this State is very limited and confined to a few Northern counties.

Pastures.—The condition of grass lands is up to a seasonable average in the Central counties. In some of the Southern and Northern counties pastures are reported as needing rain.

Insects.—The complaints of the injury to the crops from chinch-bugs and other insects have not for many years been so numerous or generally distributed as during the present season.

Farmers in many of the Southern counties are holding mass meetings for the purpose of determining upon the most practical methods of destroying the chinch-bugs.

REMARKS.

METEOROLOGICAL OBSERVERS.

MONTH OF JULY, 1888.

ALEXANDER COUNTY—C. L. BOZZELL, Observer, Signal Corps, Cairo. Highest barometer, 30.180, on the 20th, lowest, 29.880, on the 9th; mean, 30.036; range, .300. Highest temperature, 95°, on the 31st; lowest, 64° 8, on the 21st; range, 30° 2; greatest daily range, 20° 3, on the 23d; least, 9° 3, on the 1th; mean daily range, 16° 3; mean maximum temperature, 88° 2; mean minimum, 71° 9. The mean temperature of the month, 79.5, was below the normal for the past seventeen years. The precipitation, 3.32 inches, was .39 inch below the normal for the past seventeen years, falling on six days, viz: 8th, 9th, 10th, 17th, 18th and 28th. Prevailing direction of the wind, N.; total movement, 3,789 miles; maximum velocity, 48 miles from the S.W., on the 9th.

BOND COUNTY—M. S. OUDYN, Ph. G. Observer, Greenville. Highest temperature, 98°, on the 31st; lowest, 56°, on the 20th; range, 42°; greatest daily range, 30°, on the 15th and 21st; least, 11°, on the 14th; mean daily range, 22° 6; mean maximum temperature, 89°; mean minimum, 66° 4. The mean temperature of the month, 76° 8, was 2° 1 below the normal for the past ten years. The precipitation, 6.06; was 1.55 inch above the normal for the past six years, falling on eight days, viz: 5th, 8th, 9th, 14, 17th, 26th, 27th and 28th. Prevailing direction of the wind, S.E. There were 17 clear, 8 fair and 6 cloudy days. Thunderstorms on the 5th, 8th, 26th, 27th and 28th.

BOONE COUNTY—E. L. LAWRENCE, Observer, Belvedere. Highest temperature, 39.0°, on the 30th; lowest, 55°, on the 13th; range, 38°. The mean temperature of the month, 73° 6. The precipitation was 6.20 inches, falling on eight days, viz: 4th, 5th, 8th, 21st, 25th, 26th, 27th, 29th and 31st. Prevailing direction of the wind, S.W. There were 12 clear, 11 fair and 8 cloudy days. Thunderstorms on the 3d, 4th, 26th, 29th and 31st.

CALHOUN COUNTY—DR. S. SOUTHWORTH, Observer, Kampville. Highest temperature,

98°, on the 31st; lowest, 65°, on the 11th; range 33°. The mean temperature of the month was 80° 3. The precipitation was 3.75 inches, falling on eight days, viz: 4th, 7th, 8th, 9th, 22d, 25th, 26th and 27th. Prevailing direction of the wind, S.E. There were 12 clear, 18 fair and 6 cloudy days. Thunderstorms on the 8th, 16th, 22d and 27th.

CARROLL COUNTY—CHAS. H. BEELER, Observer, Lanark. Highest temperature, 95°, on the 31st; lowest, 54°, on the 13th; range, 41°; greatest daily range, 24°, on the 15th; least, 43°, on the 7th; mean maximum temperature, 83°; mean minimum, 67°. The mean temperature of the month was 76° 6. The precipitation was 4.96 inches, falling on nine days, viz: 3d, 4th, 8th, 14th, 17th, 21st, 25th, 29th and 31st. Prevailing direction of the wind, S. There were 8 clear, 16 fair and 7 cloudy days. Solar halo on the 21st, at 9 a.m. Rainbows on the 16th and 29th. Thunderstorms on the 3d, 4th, 7th, 21st, 29th and 31st. Locusts were last heard on the 10th. Corn was first noticed in tassel on the 14th.

CHAMPAIGN COUNTY—DR. C. L. MYERS, Observer, Mahomet. Highest temperature, 95°, on the 31st; lowest, 52°, on the 20th; range, 43; greatest daily range, 29°, on the 20th; least 7°, on the 9th; mean daily range, 20° 2. The mean temperature of the month, 74° 5. The precipitation, 5.38 inches, falling on seven days, viz: 4th, 8th, 9th, 14th, 17th, 27th and 28th. Prevailing direction of the wind, S.E. & S.W. There were 10 clear, 15 fair and 6 cloudy days. Thunderstorms on the 4th and 8th. Degree of sunshine, 54. The month was generally favorable for harvesting. Oats were badly lodged and tangled in low rich soil and some fields were ruined.

CHAMPAIGN COUNTY—HUBERT BURR, Observer, Philo. Highest barometer, 30.20, on the 24; lowest 29° 82 on the 9th; mean, 30° 01; range, 0.38. Highest temperature, 94, on the 7th; lowest 63° on the 14th; least, 4° on the 8th; mean daily range, 16° 0; mean

maximum temperature, 85°; mean minimum, 68°. The mean temperature of the month, 76°, was 2° below the normal for the past three years. The precipitation, 8.86 inches, was 4.30 inches above the normal for the past three years, falling on 4 days, viz: 4th, 8th, 9th and 26th. Prevailing direction of the wind, S. E. There were 16 clear, 12 fair, and 2 cloudy days. Dense fog on the 6th. The rain of the 8th and 9th was heaviest ever known in this county. A heavy thunder-shower from the west commenced at 1:40 p. m. on the 8th, at which time 1.20 inches fell in 15 minutes. There was scarcely any wind after the first shower but a continuous heavy rain until noon on the 9th, making a total of 8.10 inches in 22 hours. Much damage was done to wheat and oats, in some cases the fields were completely covered with water. Nearly all the small bridges and several large ones were washed out.

CHRISTIAN COUNTY—J. K. EBERLE, Observer, Pana. Highest temperature, 95°, on the 31st; lowest, 58°, on the 15th; range, 38°. The mean temperature of the month was 75°.08. The precipitation was 5.73 inches, falling on nine days, viz: 3d, 4th, 5th, 8th, 9th, 14th, 17th, 26th and 27th. Prevailing direction of the wind, S. E. & S. W. There were 16 clear, 5 fair and 10 cloudy days. Thunderstorms on the 3d, 4th, 5th, 8th, 9th, 14th, 17th, 26th and 27th.

CLAY COUNTY L. A. MICHELS, Observer, Flora. Highest temperature, 98°, on the 31st; lowest, 58°, on the 20th and 21st; range, 40°; greatest daily range, 30°, on the 25th and 31st; least, 15°, on the 12th and 17th; mean daily range, 23°; mean maximum temperature, 90°; mean minimum, 67°. The mean temperature of the month, 78°. The precipitation, 1.79 inch, was .60 of an inch below the normal for the past three Julys, falling on six days, viz: 4th, 8th, 9th, 14th, 17th and 27th. There were 21 clear, 5 fair and 5 cloudy days.

CLINTON COUNTY—WM. ROGAN, Observer, Irishtown. Highest temperature, 97°, on the 31st; lowest, 65°, on the 20th; range, 32°; greatest daily range, 20°, on the 20th and 21st; least daily, 6°, on the 28th; mean daily, 13°.3. The mean temperature of the month, 79°.3, was 0°.2 above the normal for the past four years. The precipitation, 3.61 inches, was 1.71 inches above the normal for the past four years, falling on eight days, viz: 3d, 7th, 9th, 14th, 17th, 26th and 28th. There were 15 clear, 13 fair and 3 cloudy days. Stiff breeze from N. at 8:40 p. m. on the 4th. Thunder on the 7th, 8th and 27th. Moderate breeze with lightning in S. W. at 8:20 p. m. on the 25th.

COLES COUNTY—WM. DOZIER, Observer, Mattoon. Highest temperature, 101°, on the 7th; lowest, 62°, on the 14th; range, 39°. The mean temperature of the month, 77°, was .9° above the normal for the past nine years. The precipitation, 2.25 inches, was .40 inch below the normal for the past nine years, falling on nine days, viz: 4th, 8th, 9th, 10th, 14th, 17th, 26th, 27th and 28. Prevailing direction of the wind, S. W. There were 16 clear, 8 fair and 7 cloudy days. Thunderstorms on the 3d, 4th, 8th, 26th and 28th.

COOK COUNTY—H. C. FRANKFIELD, Observer, Signal Corps, Chicago. Highest barometer, 30.210, on the 20th; lowest, 29.810, on

the 12th; mean, 30.020; range, .400. Highest temperature, 94°.3, on the 31st; lowest, 56°.3, on the 13th; range, 58°; greatest daily range, 28°.5, on the 12th; least, 5°.9, on the 27th; mean daily range, 16°; mean maximum temperature, 80°.7; mean minimum, 64°.6. The mean temperature of the month, 72°, was .4° below the normal for the past seventeen years. The precipitation, 3.93 inches, was .39 of an inch above the normal for the past seventeen years, falling on ten days; viz: 4th, 5th, 6th, 8th, 9th, 18th, 22d, 25th, 26th and 31st. Mean relative humidity, 68.2 per cent. Prevailing direction of the wind, N. E.; total movement, 6,450 miles; maximum velocity, 39 miles from the N. E., on the 12th.

DEKALB COUNTY—ROSWELL DOW, Observer, Sycamore. Highest temperature, 96°, on the 31st; lowest, 49°, on the 13th; range, 47°; greatest daily range, 28°.4, on the 20th; least, 5°, on the 9th. The mean temperature of the month, 71°.6, was .3 above the normal for the past eight years. The precipitation, 3.10 inches, was 1.60 inch less than the normal for the past eight years, falling on nine days, viz: 3d, 4th, 8th, 9th, 21st, 25th, 26th, 29th and 31st. Prevailing direction of the wind, S. E. & S. W.; maximum velocity, 35 miles from the N. W., on the 3d, 4th and 31st. There were 11 clear, 14 fair and 6 cloudy days. Thunderstorms on the 3d, 4th, 21st, 26th and 31st.

DOUGLAS COUNTY—MISS MARY ILES, Observer, Camargo. Highest temperature, 96°, on the 31st; lowest, 60°, on the 14th; range, 36°. Rain fell on the 5th, 8th, 9th, 26th and 27th. Prevailing direction of the wind, S. There were 7 clear, 20 fair and 4 cloudy days. Thunderstorms on the 4th and 8th. Meteors on the 31st, one very brilliant. Direction a little east of north, to a little west of south; left a blaze of light behind.

DUPAGE COUNTY—R. F. MORGAN, Observer, Wheaton. Highest temperature, 95°, on the 31st; lowest, 54°, on the 12th and 13th; range, 41°. The mean temperature of the month was 71°.3.

EDGAR COUNTY—WILBUR T. COOK, Observer, Paris. Highest temperature, 92°, on the 7th and 31st; lowest, 60°, on the 14th; range, 32°. The mean temperature of the month was 75°. The precipitation was 2.94 inches, falling on six days, viz: 4th, 8th, 9th, 14th, 17th and 28th. Prevailing direction of the wind, S. W. There were 11 clear, 13 fair and 7 cloudy days. Thunderstorms on the 4th, 7th, 8th and 28th.

EFFINGHAM COUNTY—GEORGE STRONG, Observer, Eberle. Highest temperature, 101°, on the 31st; lowest, 66°, on the 10th and 14th; range, 35°. The mean temperature of the month was 77°.2. The precipitation was 4.49 inches, falling on eight days, viz: 4th, 5th, 9th, 10th, 14th, 18th, 25th and 26th. Prevailing direction of the wind, S. W. Thunderstorms on the 4th, 8th, 10th, 18th and 19th.

FAYETTE COUNTY—JOS. URBANI, Observer, Vandalia. Highest barometer, 30.12, on the 20th; lowest, 29.84, on the 9th; mean, 29.97; range, 0.28. Highest temperature, 97°, on the 31st; lowest, 61°, on the 15th; range, 36°; greatest daily range, 28°, on the 16th and 22d; least, 9°, on the 17th; mean daily range,

20° 1; mean maximum temperature, 88° 3; mean minimum, 68° 2. The mean temperature of the month was 78° 15. The precipitation was 4.54 inches, falling on nine days, viz: 3d, 4th, 8th, 9th, 14th, 17th, 28th, 27th and 28th. Prevailing direction of the wind, S. There were 13 clear, 9 fair and 9 cloudy days. Thunderstorms on the 4th, 8th and 28th.

FRANKLIN COUNTY—J. McPHERSON, Observer, Benton. Highest temperature, 100°, on the 31st; lowest, 68°, on the 20th; range, 32°. The precipitation was 1.45 inch, falling on three days, viz: 8th, 9th and 29th. Prevailing direction of the wind, S. & S.W.

GREENE COUNTY—P. J. BATES, Observer, White Hall. Highest temperature, 94°, on the 30th and 31st; lowest, 66°, on the 13th, 14th and 15th; range, 28°; greatest daily range, 18°, on the 22d, 28th, 30th and 31st; least daily, 2°, on the 9th. The mean temperature of the month was 80° 8. The precipitation was 4.52 inches, falling on ten days, viz: 3d, 5th, 8th, 9th, 14th, 16th, 17th, 26th, 27th and 29th. Prevailing direction of the wind, S.E. There were 17 clear, 9 fair and 5 cloudy days. Thunderstorms on the 5th, 7th, 8th, 9th, 14th, 16th, 25th, 26th, 27th and 28th.

HAMILTON COUNTY—W. P. GIBBS, Observer, McLeansboro. Highest temperature, 102°, on the 7th and 31st; lowest, 62°, on the 12th, 14th, 15th, 20th and 21st; range 40; greatest daily range 30°, on the 7th and 16th; least, 13° on the 9th; mean daily range 15° 6; mean maximum temperature, 58° 3; mean minimum, 69° 7. The mean temperature of the month, 78° 16, was one above the normal for the past 6 years. The precipitation, 2° 18 inches, was 15 inch below the normal for the past six years, falling on 5 days, viz: 7th, 8th, 14th, 17th and 26th. Prevailing direction of the wind, N.E.; maximum velocity 15 to 29 miles from the N., on the 7th. There were 14 clear, 15 fair and 2 cloudy days. Solar halos on the 16th, at 11 to 12 m. Thunderstorms on the 3d, 4th, 7th, 8th, 14th, 27th and 28th. Fog on the 18th a.m. Dew, 1st 2d, 3d, 4th, 6th, 10th, 11th, 15th, 16th 21st, 22d, 23d, 25th and 31, and this morning, August 1st has every appearance of the commencing of a drouth, the heat is intense.

HANCOCK COUNTY—FRED Z. GOSEWISCH, Observer, Signal Corps, Keokuk, Iowa. Highest barometer, 30.200, on the 20th; lowest, 29.850, on the 9th; range, 0.340. Highest temperature, 96° 3, on the 31st; lowest, 60° 8, on the 13th; range 35° 5; greatest daily range, 27° 8, on the 13th; least, 5° 5, on the 9th; mean daily range, 18° 3; mean maximum temperature, 86° 2; mean minimum, 68° 0. The mean temperature of the month, 75° 7, was 1° 9 below the normal for the past sixteen years. The precipitation, 6.00 inches was 1.89 inches above the normal for the past sixteen years, falling on thirteen days, viz: 3d, 4th, 5th, 7th, 8th, 9th, 14th, 16th, 17th, 22d, 25th, 26th and 28th. Prevailing direction of the wind, S.; total movement, 4794 miles; maximum velocity, 36 miles from the N.W., on the 4th, 5th and 8th. There were 11 clear, 14 fair and 6 cloudy days. Thunderstorms on the 3d, 4th, 5th, 7th, 8th, 14th, 16th, 25th and 26th.

HENDERSON COUNTY—R. HODSON, Observer, Oquawka. Highest temperature, 103°,

on the 30th; lowest, 63°, on the 15th; range, 40°. The mean temperature of the month, 79°. The precipitation was 4.06 inches, falling on six days, viz: 4th, 7th, 8th, 9th, 13th and 25th. Prevailing direction of the wind, S.E. There were 16 clear, 8 fair and 7 cloudy days.

IROQUOIS COUNTY—H. UPSALL, Observer, Watseka. Highest barometer, 30.174, on the 20th; lowest, 29.723, on the 12th; mean, 29.923; range, 0.446. Highest temperature, 98° 5, on the 31st; lowest, 54° 2, on the 20; range, 44° 3; greatest daily range, 31° 3, on the 20th; least, 7° 8 on the 9th; mean daily range, 24° 3; mean maximum, 63° 5. The mean temperature of the month, 74° 7, was 0° 1 below the normal for the past 4 years. The precipitation, 2.49 inches, was 0.07 inch below the normal for the past 4 years, falling on 5 days, viz: 4th, 8th, 9th, 26th and 31st. Mean relative humidity, 78 per cent. Prevailing direction of the wind S. and S.E.; total movement 3,330 miles; maximum velocity, 20 miles from the S.W., on the 4th. There were 21 clear, 3 fair and 7 cloudy days. Thunderstorms on the 8th, 26th and 31st. Katyids first heard on the 27th.

KENDALL COUNTY—J. S. SEELY, Observer, Oswego. Highest barometer, 30.199, on the 15th; lowest, 29.890, on the 12th; mean, 30.066; range, 0.309. Highest temperature, 100° on the 31st; lowest, 52° on the 13th; range 48°; greatest daily range 32°, on the 20th; least, 5°, on the 9th. The mean temperature of the month, 73° 6, was 1° above the normal for the past 8 years. The precipitation, 3.58 inches, was 0.33 inch above the normal for the past 8 years, falling on 9 days, viz: 4th, 5th, 7th, 8th, 9th, 22d, 25th, 26th and 31st. The prevailing direction of the wind, N.E. and S.W. There were 17 clear, 5 fair, and 9 cloudy days. Thunderstorms on the 22d and 31st. Severe thunderstorm between 11 p. m. and 12 on 31, heaviest for years, 1.05 waterfall, which was very much needed.

KNOX COUNTY—T. A. WETMORE, Observer, Oneida. Highest temperature, 98°, on the 7th and 31st; lowest 58° 0 on the 14; range 40° 0; greatest daily range 30° 1, on the 12th; least 4° 0 on the 8th. The mean temperature of the month was 76° 0. The precipitation was 3.60 inches, falling on 10 days, viz: 4, 5, 6, 8, 9, 14, 16, 17, 25, 26. Prevailing direction of the wind, S. There were 13 clear, 12 fair and 6 cloudy days. Thunderstorms on the 4th, 7th and 25th. The past month, except on the 4th, has been free from storms. On the the afternoon of the 4th a severe rain and wind storm came from the W. and N. W., the wind blowing a gale, but it had this peculiarity, that it seemed to blow in strips. These strips, in this part of the country, were from 20 rods to half a mile wide, and within them the wind blew strong enough to break trees and overturn outbuildings. There was but little electrical display and the rainfall was but 0.75 inches.

LAKE COUNTY, L. R. F. GRIFFIN, Observer, Lake Forest University, Lake Forest. Highest barometer, 30.215, on the 3d; lowest, 29.575, on the 12th; mean, 29.823; range, .950. Highest temperature, 95°, on the 31st; lowest, 51°, on the 14th and 15th; range, 44°; greatest daily range, 34°, on the 12th; least, 12°, on the 2d, 16th and 22d; mean daily range, 22° 8; mean maximum temperature, 83° 3; mean minimum, 60° 5. The mean temperature of the month, 70° 7, was below that of the past

two years. The precipitation, 1.89 inch, was .85 of an inch above that of the past two years, falling on six days, viz: 3d, 4th, 8th, 17th and 22d. Mean relative humidity, 79 per cent. Prevailing direction of the wind, E. There were 4 clear, 19 fair and 8 cloudy days. Thunderstorms on the 3d, 4th, 6th, 7th and 8th.

LASALLE COUNTY—Dr. J. O. HARRIS, Observer, Ottawa. Highest temperature, 96° 2 p. m., 98° 3 p. m., on the 31st; lowest, 56°, on the 14th; range, 42° 0; greatest daily range, 30°, on 12th; least, 10° on the 9th; mean maximum temperature, 65° 16; mean minimum, 68° 09. The mean temperature of the month 72° 55. The precipitation, 3.58 inches, falling on 8 days, viz: 3d, 4th, 7th, 8th, 9th, 13th, 25th and 26. Prevailing direction of the wind S.W. Thunderstorms on the 3d, 4th, 7th, 8th and 31st.

LAWRENCE COUNTY—J. A. Fyffe, Observer, Sumner. Highest temperature, 98°, on the 31st; lowest 66°, on the 14; range, 32° 0; greatest daily range, 85°, on the 31st; least 69°, on the 14th. The mean temperature of the month, 80°, was 2° 5 below the normal for the past 2 years. The precipitation, 2.70 inches, was .1 inch below the normal for the past 2 years, falling on 3 days, viz: 8th, 9th and 17th. Prevailing direction of the wind N.W.; maximum velocity, 7 miles from the S.W., on the 16th. There were 23 clear, 3 fair, and 4 cloudy days.

LIVINGSTON COUNTY—ISAAC YOUNG, Observer, Pontiac. Highest temperature, 102° on the 7th and 31st; lowest 54° on the 13th; range 48°; greatest daily range 32°, on the 24th; least, 2° on the 9th. The mean temperature of the month, 77° 2. The precipitation, 4.32 inches; falling on 5 days, viz: 4th, 8th, 9th, 14th and 26; hail on the 26. Prevailing direction of the wind, S. and S.W. There were 4 clear, 4 fair, 15 fair and cloudy, and 3 cloudy days. Thunderstorms on the 4th, 8th, 9th and 26th. Red sun sets on the 2d and 5th, yellow on the 25th. A bad wind storm on the night of the 26th, did considerable damage blowing down fences, trees, hay stacks, corn, oats and some buildings.

LOGAN COUNTY—L. H. SULLIVAN, Observer, Beason. Highest temperature, 98°, on the 31st; lowest, 56°, on the 20th, range, 42°. The mean temperature of the month was 75° 2. The precipitation was 3.75 inches, falling on six days, viz: 4th, 8th, 9th, 14th, 26th and 27th. Prevailing direction of the wind, S.W. There were 16 clear, 12 fair and 3 cloudy days. Thunderstorms on the 4th and 27th. Light fog on the morning of the 6th, 18th and 29th.

MADISON COUNTY—J. L. R. WADSWORTH, Observer, Collinsville. Highest temperature, 95° 8, on the 31st; lowest, 50° 5, on the 1st; range, 45° 3; greatest daily range, 27°, on the 20th; least, 13° 5, on the 17th and 28th; mean daily range, 19° 2; mean maximum temperature, 87° 05; mean minimum, 68° 01. The mean temperature of the month, 77° 5, was 1° 3 above the normal for the past nine Julys. The precipitation, 5.25 inches, was 2.98 inches above the normal for the past six Julys, falling on six days, viz: 3d, 8th, 14th, 17th, 26th and 27th. Thunderstorms on the 8th, 14th, 17th and 26th.

MARION COUNTY—J. L. HALLAM, Observer, Centralia. Highest temperature, 101°, on the 31st; lowest 68°, on the 10th, 15th and 22d; range, 33°; greatest daily range, 22°, on the 23th; least daily, 8°, on the 26th; mean daily range, 16°. The precipitation was 3.98 inches, falling on five days, viz: 3d, 9th, 17th, 26th and 28th. Prevailing direction of the wind, S.E. There were 16 clear, 6 fair and 9 cloudy days. Dense fog on the 29th. Thunderstorms on the 3d, 9th and 26th, and distant thunder on the 28th. On the morning of the 26th about 5 a.m. thunder and lightning very heavy and brilliant, which continued nearly one hour. A large barn three miles west of town was struck by the lightning and fired. The barn with contents was consumed. On the same Monday our school house was struck but damage slight.

MARSHALL COUNTY—Rev. A. C. PRICE, Observer, Lacon. Highest barometer, 29.83, on the 20th; lowest, 29.43, on the 12th; mean, 29.63; range, 40. Highest temperature, 99°, on the 31st; lowest, 61°, on the 13th; range, 38°; greatest daily range, 24°, on the 12th and 20th; least, 4°, on the 8th; mean daily range, 16°. The mean temperature of the month was 78° 2. The precipitation was 3.61 inches, falling on seven days, viz: 4th, 7th, 8th, 9th, 14th, 25th and 26th. Prevailing direction of the wind, S.W. There were 18 clear, 6 fair and 7 cloudy days. Thunderstorms on the 4th, 8th, 25th and 26th. General and grand electrical storms on the 26th and 31st. Heavy windstorm on the 4th.

MCHEMRY COUNTY—JOHN W. JAMES, Observer, Riley. Highest temperature, 93°, on the 3d and 31st; lowest, 49°, on the 13th; range, 44°; greatest daily range, 33° 8, on the 12th and 13th; least, 7° 6, on the 9th. The mean temperature of the month, 70° 7, was just the normal for the past twenty-seven Julys. The precipitation, 3.44 inches, was 0.36 of an inch below the normal for the past twenty-seven Julys, falling on nine days, viz: 3d, 4th, 8th, 21st, 22d, 25th, 26th, 29th and 31st. Prevailing direction of the wind, N.E. and S.W. There were 11 clear, 13 fair and 7 cloudy days. Solar halos on the 1st, 21st and 28th. Thunderstorms on the 3d, 4th, 8th, 22d and 31st. Polar bands on the 13th, 21st and 24th. A little less than one-half the entire rainfall of the month came on the last day. The cicada septemdecima had disappeared by the 15th.

MERCER COUNTY—TYLER MCWHORTER, Observer, Aledo. Highest temperature, 100°, on the 7th; lowest, 54°, on the 20th; range, 40°; greatest daily range, 32°, on the 20th; least, 2°, on the 8th. The mean temperature of the month, 75° 4. The precipitation, 4.50 inches, was .23 of an inch above the normal for the past fourteen years, falling on eight days, viz: 4th, 5th, 8th, 14th, 16th, 21st, 22d and 25th. Prevailing direction of the wind, S.E. Thunderstorms on the 4th and 8th.

MORGAN COUNTY—P. J. HASENSTAB, Observer, Jacksonville. Highest barometer, 30.097, on the 20th; lowest, 29.556, on the 12th; mean, 29.807; range, .541. Highest temperature, 95° 2, on the 31st; lowest, 60° 0, on the 16th; range, 35° 2; greatest daily range, 21° 4, on the 13th; least, 5° 8, on the 9th; mean daily range, 16° 0; mean maximum temperature, 84° 6; mean minimum, 68° 9; mean, 77° 4. The precipitation was 6.30 inches, falling on thirteen days, viz: 3d, 4th, 5th, 8th,

0th, 14th, 16th, 17th, 19th, 25th, 26th, 27th and 28th. Mean relative humidity, 79 per cent. Prevailing direction of the wind, S.; total movement, 3960 miles; maximum velocity, 28 miles from the S.W., on the 4th. There were 9 clear, 17 fair and 4 cloudy days. Solar halos on the 23d, 24th, 25th and 26th. Thunderstorms on the 2d, 16th and 28th.

OGLE COUNTY—WM. FEARY, Observer, Mt. Morris. Highest temperature, 102°, on the 31st; lowest, 58°, on the 13th; range, 44°; greatest daily range, 32°, on the 31st; least, 8°, on the 9th; mean daily range, 18°.96; mean maximum temperature, 87° 12; mean minimum, 68° 16. The mean temperature of the month, 81° 9. Rain fell on ten days, viz: 3d, 4th, 7th, 8th, 21st, 22d, 25th, 26th, 29th and 31st. Prevailing direction of the wind, S.E.; maximum velocity, gale, from the S.W. on the 31st. There were 14 clear, 8 fair and 9 cloudy days. Thunderstorms on the 3d, 4th, 7th, 8th, 21st, 22d, 25th, 26th and 31st. Heavy rainfall on the 31st; over 2 inches. The lightning struck a large barn in Pine Creek township burning it to the ground with about 45 tons of hay.

PEORIA COUNTY—DR. FRED BRENDEN, Observer, Peoria. Highest barometer, 29.790, on the 20th; lowest, 29.396, on the 12th; mean, 29.608; range, 0.394. Highest temperature, 100°.0, on the 31st; lowest, 58°.0 on the 13th; range, 42° 0; greatest daily range, 29°.0 on the 12th; least, 3°.5, on the 9th; mean daily range, 19°.9; mean maximum temperature, 89°.3; mean minimum, 69°.4. The mean temperature of the month, 79°.7, was 1°.7 above the normal for the past thirty-two years. The precipitation, 9.48 inches, was 2.48 inches above the normal for the past thirty-two years, falling on ten days, viz: 4th, 7th, 8th, 9th, 14th, 16th, 17th, 22d, 25th and 26th. Mean relative humidity, 69 per cent. Prevailing direction of the wind, E. There were 14 clear, 13 fair and 4 cloudy days. Thunderstorms on the 4th, 7th, 8th, 22d, 25th and 26th. The hottest July in thirty-two years was in 1887, with a mean of 83°.2 and a maximum of 106°. The coolest July was in 1865, with a mean of 70°.9. The lowest temperature reached was 48°, in July, 1859. The greatest precipitation was 8.87 inches, in July, 1860, and the least was 0.47 inches, in 1886.

PIATT COUNTY—J. W. C. GRAY, Observer, Atwood. Highest temperature, 90°, on the 30th and 31st; lowest, 56°, on the 20th; range, 48°.2; greatest daily range, 14°, on the 21st and 22d; least daily, 2° on the 14th. The precipitation was 7.06 inches, falling on seven days, viz: 4th, 8th, 9th, 14th, 18th, 25th and 26th. There were 15 clear, 8 fair and 8 cloudy days. Solar halos on the 1st, 16th, 17th and 31st. The prevailing direction of the wind was S.E. Distant thunder on the 3d, 7th, 8th and 26th.

PIKE COUNTY—C. H. OAKFORD, Observer, Griggsville. Highest temperature, 106°, on the 31st; lowest, 61°, on the 19th; range, 45°; greatest daily range, 31°, on the 19th; least, 10°, on the 9th; mean daily range, 24° 03; mean maximum temperature, 92° 3; mean minimum, 68°. The mean temperature of the month, 78°, was 1°.4 below the normal for the past six years, falling on eleven days, viz: 2d, 3d, 7th, 8th, 9th, 10th, 14th, 16th, 17th, 22d and 26th. Prevailing direction of the wind, E. There were 13 clear, 7 fair and 11 cloudy days.

Thunderstorms on the 9th, 22d and 25th. Rainbow on the 3d and 4th.

POPE COUNTY—J. E. Y. HANNA, Observer, Golconda. Highest temperature, 95°, on the 7th and 31st; lowest, 66°, on the 14th; range, 29°; greatest daily range, 16°, on the 12th and 25th; least daily, 4°, on the 9th; mean daily, 11°.3. The mean temperature of the month, 79°.5, was 0°.1 above the normal for the past eleven years. The precipitation, 1.65 inches, was 1.81 inches below the normal for the past eleven years, falling on five days, viz: 3d, 9th, 14th, 17th and 29th. There were 14 clear, 13 fair and 4 cloudy days. Thunderstorms on the 3d, 8th, 9th, 17th and 27th. There was a heavy rain with a strong wind on the 27th four miles south-east of observer, covering a small locality. Katydid on the 6th.

PUTNAM COUNTY—A. T. PURVIANCE, Observer, Hennepin. Highest temperature, 97°, on the 4th and 8th; lowest, 50°, on the 13th and 14th; range, 47°; greatest daily range, 45°, on the 13th; least daily, 18°, on the 10th; mean daily range, 28°.4; mean maximum temperature, 88°.9; mean minimum, 60°.5. The mean temperature of the month, 74°.7. The precipitation, 2.14 inches, falling on six days, viz: 4th, 5th, 8th, 9th, 26th and 27th. Prevailing direction of the wind, S. & S.E. There were 15 clear, 7 fair and 9 cloudy days.

RANDOLPH COUNTY—W. J. S. CATHCART, Observer, Jordan's Grove. Highest temperature, 100°, on the 31st; lowest, 62°, on the 22d; range, 38°; greatest daily range, 29°, on the 22d; least, 8°, on the 10th; mean daily range, 19°.3; mean maximum temperature, 89°.1; mean minimum, 69°.7. The mean temperature of the month, 79°.3, was 2°.8 below that of July, 1887. The precipitation, 1.30 inches, was 0.63 of an inch below that of July, 1887, falling on nine days, viz: 5th, 8th, 9th, 14th, 16th, 17th, 25th, 26th and 28th. Prevailing direction of the wind, S.W.; maximum velocity, fresh breeze from the N., on the 19th. There were 17 clear, 12 fair and 2 cloudy days. Parhelia on evening of the 23d. Thunderstorms on the 3d, 8th, 14th and 25th. Distant lightning on p.m. of the 4th and on p.m. of the 7th. A light thundershower between 1 and 2 p.m. of the 8th, causing the mercury to drop from the nineties to 80° at 2 p.m. On the 9th there were unusually heavy rains reported in some parts of the county; over 4 inches fell at Sparta and vicinity on that evening; only 0.50 of an inch fell at this place. We are needing rain very badly here. Unless it rains soon corn will be cut off, as it was last year. One thing in its favor is, chinch-bugs are not so plentiful. Farmers nearly all through stacking, and wishing for rain and cooler weather so that they can get plowing done. I have given the precipitation of this place only, as other places in the county had far over the amount of rain that fell here.

RICHLAND COUNTY—MISS CLEMINTINE FAHS, Observer, Olney. Highest temperature, 97°, on the 7th; lowest, 62°, on the 14th; range, 34°; greatest daily range, 20°, on the 1st, 2d and 25th; least daily, 8°, on the 14th; mean daily range, 12°. The mean temperature of the month was 77°.23. The precipitation was 5.64 inches, falling on six days, viz: 4th, 7th, 8th, 9th, 17th and 28th. Prevailing direction of the wind, N.E. & S.W. There

were 16 clear, 2 fair and 13 cloudy days. Solar halos on the 16th. Small halo on the 22d. Thunderstorms on the 3d, 4th, 7th, 8th, 9th, 18th, 23d, 25th, 27th, 28th and 31st. Fog on the 14th, 17th and 29th. Rainbow on the 26th.

ROCK ISLAND COUNTY—J. M. FITZGERALD, Observer, Davenport. Highest barometer, 30.210 on the 20th; lowest, 29.820 on the 12th; mean, 30.012; range, 0.360. Highest temperature, 94° 4 on the 31st; lowest 55° 0 on the 13th; range, 40° 4; greatest daily range, 23° 8 on the 12th; least, 11° 8, on the 17th; mean daily range 18° 3; mean maximum temperature, 85° 4; mean minimum, 67° 1. The mean temperature of the month, 74° 4, was 0° 9 below the normal for the past 16 years. The precipitation, 7.31 inches, was 3.55 inches above the normal for the past 16 years, falling on 9 days, viz: 4th, 5th, 8th, 9th, 14th, 21st, 22d, 25, 26th. Mean relative humidity, 76.7 per cent. Prevailing direction of the wind S.W., total movement 5074 miles; maximum velocity, 42 miles from the S. on the 25th. There were 6 clear, 16 fair and 9 cloudy days. The rainfall for the past month has only been once exceeded, at this station, in 16 years, in 1875, when it was 9.36 inches.

SANGAMON COUNTY—JOHN CRAIG, Observer, Signal Corps, Springfield. Highest barometer, 30.240, on the 20th; lowest, 29.850, on the 9th; mean, 30.046; range, .390. Highest temperature, 97° 1, on the 31st; lowest, 58° 9, on the 14th; range, 38° 2; greatest daily range, 24° 4, on the 13th; least, 9° 6, on the 9th; mean daily range, 19°; mean maximum temperature, 85° 9; mean minimum, 66° 9. The mean temperature of the month, 75° 5, was 1° 5 below the normal for the past nine years. The precipitation, 4.59 inches, was 2.49 inches above the normal for the past nine years, falling on eight days, viz: 4th, 8th, 9th, 14th, 16th, 17th, 26th and 27th. Prevailing direction of the wind, S.; total movement, 4,325 miles; maximum velocity, 40 miles from the N.W., on the 4th. There were 8 clear, 17 fair and 6 cloudy days. Solar halos on the 1st, 5th, 16th and 24th; lunar on the 24th. Thunderstorms on the 3d, 4th, 5th, 8th, 9th, 14th and 27th. The rainfall of this month was the greatest in nine years, the least was .05 of an inch in 1886.

SHELBY COUNTY—A. H. HATCH, Observer, Windsor. Highest barometer, 30.237, on the 21st; lowest, 29.866, on the 9th; mean, 30.018; range, 0.371. Highest temperature, 95° 2, on the 31st; lowest, 57° 1, on the 20th; range, 38° 1; greatest daily range, 32° 8, on the 4th; least daily, 8° 5, on the 8th; mean daily range, 19° 8; mean maximum temperature, 86° 7; mean minimum, 66° 9. The mean temperature of the month, 76° 6, was 1° 6 below the normal for the past four years. The precipitation, 2.36 inches, was 0.20 of an inch above the normal for the past four years, falling on eight days, viz: 4th, 5th, 7th, 7th, 14th, 17th, 27th and 28th. Mean relative humidity, 77.2 per cent. Prevailing direction of the wind, S.E.; total movement 3,662 miles, maximum velocity, 40 miles from the N.W., on the 4th. There were 12 clear, 16 fair and 3 cloudy days. Thunderstorms on the 3d, 8th, 9th and 28th.

ST. CLAIR COUNTY—DR. G. LEIBROCK, Observer, Mascoutah. Highest temperature, 101°, on the 31st; lowest, 60°, on the 16th and 20th; range, 41°; greatest daily

range, 26°, on the 21st; least daily, 14°, on the 14th; mean daily range, 18° 2; mean maximum temperature, 88° 5; mean minimum, 70° 3. The mean temperature of the month was 79° 4. The precipitation was 1.30 inches. Thunderstorms on the 3d, 4th, 7th, 8th, 14th, 16th, 25th, 26th, 27th and 28th.

ST. CLAIR COUNTY—V. P. CHAPPEL, Observer, Signal Corps, St. Louis, Mo. Highest barometer, 30.210 on the 20th; lowest, 29.860, on the 12th; mean, 30.025; range 0.350. Highest temperature, 97° 9 on the 31st; lowest 64° 5, on the 15th; range 33° 4; greatest daily range 23° 0, on the 5th; least, 12° 0, on the 9th; mean daily range, 17.6; mean maximum temperature, 86° 6; mean minimum, 71° 0. The mean temperature of the month, 79° 0 was 0.2 below the normal for the past 17 years. The precipitation, 2.09 inches, was 1.75 inches below the normal for the past 17 years, falling on 9 days, viz, 5th, 8th, 9th, 14th, 16th, 17th, 26th, 27th and 28th. Mean relative humidity, 67.0 per cent. Prevailing direction of the wind E. and W.; total movement 5892 miles; maximum velocity, 36 miles N.E., on the 5th.

STEPHENSON COUNTY—JOHN WRIGHT, Observer, Cedarville. Highest temperature, 97°, on the 31st; lowest, 56°, on the 13th; range, 41°; greatest daily range, 22°, on the 10th; least, 16°, on the 22d. The mean temperature of the month was 72° 6. The precipitation, 3.30 inches, falling on eight days, viz: 3d, 4th, 7th, 8th, 22d, 26th, 29th and 31st. Prevailing direction of the wind, S.W. There 20 clear, 1 fair and 10 cloudy days. Thunderstorms on the 3d, 4th, 8th, 22d and 29th. Fog on the morning of the 10th, and thick smoke all day on the 9th.

TAZEWELL COUNTY—REV. J. E. TERBORG, Observer, Pekin. Highest barometer, 30.394, on the 20th; lowest, 30.028, on the 12th; mean, 30.219; range, 0.366. Highest temperature, 102°, on the 31st; lowest, 55°, on the 20th; range, 47°; greatest daily range, 35°, on the 20th; least daily, 7°, on the 9th; mean daily range, 25° 7; mean maximum temperature, 90° 7; mean minimum, 65°. The mean temperature of the month, 78° 50, was 1° 24 below the normal for the past three years. The precipitation, 7.94 inches, was 4.39 inches above the normal for the past seven years, falling on nine days, viz: 4th, 5th, 8th, 9th, 14th, 16th, 17th, 25th, 26th and 27th. Mean relative humidity, 78 per cent. Prevailing direction of the wind, S.W.; maximum velocity, 40 miles from the N.W. & N.E., on the 4th and 26th. There were 14 clear, 9 fair and 8 cloudy days. Rainbow on the 22d. Average sun heat, 112°. Sunshine, 58 per cent. Mean dew point, 72°. Lunar halos on the 17th and 24th. Aurora on the 31st. Meteor on the 30th. Polar bands on the 6th. Thunderstorms on the 4th, 6th, 8th, 25th and 26th. Lightning without thunder on the 22d, 26th, 27th and 31st. Thunder without lightning on the 22d. An electric storm from the N.E. at a rate of 40 miles per hour occurred on July 26th, commencing at 10:30 p.m. and lasting for an hour; it seemed as if the sky was only one light; in one hour 2.50 inches of water poured down; limbs were scattered and trees broken; the telegraph instruments out at the T. P. & W. depot were burnt and were removed for repairs. The eclipse of the moon was observed under very favorable circumstances on the 22d. The Illinois river rose seven feet above low water mark on the 27th. Winds followed by rain N.W.,

N.E., S.E. and S.W. Winds followed by clear or fair weather N.W., E., S.E. and S.W. Weather predictions verified 98 per cent.

WASHINGTON COUNTY—A.G. TUCKER, Observer, Richview. Highest barometer, 30.162, on the 20th; lowest, 29.820, on the 9th; mean, 29.986; range, .343. Highest temperature, 99° 3, on the 31st; lowest, 56° 4, on the 10th; range, 42° 9; greatest daily range, 27° 1, on the 22d; least, 11° 1, on the 9th; mean daily range, 20° 2; mean maximum temperature, 87° 9; mean minimum, 67° 7. The mean temperature of the month, 77° 8, was 1° 3 below the normal for the past four years. The precipitation, 1.88 inch, was .14 of an inch below the normal for the past four years, falling on nine days, viz: 3d, 5th, 9th, 14th, 17th, 26th, 27th, 28th and 29th. Mean relative humidity, 76.2 per cent. Prevailing direction of the wind, S.W.; no heavy winds to exceed 15 or more miles per hour during the month. There were 18 clear, 11 fair and 2 cloudy days. Solar balos on the 16th and 24th. Thunderstorms on the 3d, 5th, 9th, 14th and 28th.

WAYNE COUNTY—JACOB HALL, Observer, Fairfield. Highest temperature, 98° on the 31st; lowest, 64°, on the 21st; range, 34°; greatest daily range, 26°, on the 12th; least daily, 9°, on the 10th; mean maximum temperature, 88°; mean minimum, 75°. The mean temperature of the month, 81° 15, was 0° 5 above the normal for the past six years.

The precipitation, 1.93 inches, was 0.01 of an inch below the normal for the past six years, falling on three days, viz: 8th, 9th and 17th. There were 8 clear, 16 fair and 7 cloudy days. Weather hot and dry, corn suffering for rain. Prevailing winds from N.E. to S.W.

WILL COUNTY—MISS ANNA B. NASH, Observer, Joliet. Highest temperature, 98.0°, on the 2d; lowest, 54°, on the 8th; range, 44°; greatest daily range, 34°, on the 18th; least, 15°, on the 25th; mean daily range, 22° 9; mean maximum temperature, 86° 7; mean minimum, 63° 8. The mean temperature of the month was 72° 4. The precipitation was .70 of an inch, falling on two days, viz: 8th and 9th. Prevailing direction of the wind, N.E. There were 6 clear, 16 fair and 9 cloudy days.

WINNEBAGO COUNTY—FRANK OSBORN, Observer, Winnebago. Highest temperature, 100°, on the 31st; lowest, 59° on the 12th; range, 40°; greatest daily range 21° on the 12th. The mean temperature of the month, 77.9. The precipitation, 7.63 inches; falling on 9 days, viz: 3d, 4th, 8th, 21st, 32d, 25th, 29th and 31st. Prevailing direction of the wind, S.E., S.W. There were 13 clear, 8 fair and 11 cloudy days. Thunderstorms on the 3d, 4th, 22d and 30th. Violent winds on the 4th and 31st, with rain, did much damage to grain. Cold wave on 12th, the thermometer fell from 80° in the morning to 59° in the evening.

SCHOOL REPORTS.

The complete July Reports received are as follows:

LIVINGSTON COUNTY, H. D. FISK and WM. MCGONIGAL, Observers, Dwight. Highest temperature during the month, $101^{\circ}.6$, on the 31st; lowest, $50^{\circ}.9$, on the 13th; greatest range, $36^{\circ}.6$, on the 20th; mean maximum temperature, $89^{\circ}.89$; mean minimum, $63^{\circ}.62$. Total precipitation, 2.44 inches, falling on five days, viz: 3d, 9th, 14th, 25th and 26th. Thunderstorms on the 3d, 6th, 14th, 26th and 31st. Total eclipse of the moon on the night of the 22d, beginning about 9 p.m. There were 12 clear, 10 fair and 9 cloudy days.

SCOTT COUNTY, WM. GAY, Observer, Winchester. Highest temperature, $101^{\circ}.0$, on the 31st; lowest, $53^{\circ}.0$, on the 21st; range, $49^{\circ}.0$; greatest daily range, $37^{\circ}.0$, on the 19th and 21st; least, $14^{\circ}.0$, on the 9th; mean daily range, $26^{\circ}.6$; mean maximum temperature, $91^{\circ}.2$; mean minimum, $67^{\circ}.7$. The mean temperature of the month was $80^{\circ}.0$. The precipitation was 5.45 inches, falling on eight days, viz: 3d, 4th, 6th, 9th, 14th, 17th, 25th and 27th. Prevailing direction of the wind, S. There were 9 clear, 15 fair and 7 cloudy days. Thunderstorm of the 7th was the most severe experienced here for many years.

TAZEWELL COUNTY, C. L. FARRINGTON, Observer, Brush Hill. Highest temperature, $+103^{\circ}$, on the 6th; lowest, 62° , on the 20th; range, 41° ; greatest daily range, 27° , on the 12th; least, 1° , on the 8th; mean daily range, $17^{\circ}.4$. The mean temperature of the month was $77^{\circ}.8$. The precipitation was 7.33 inches falling on nine days, viz: 4th, 8th, 9th, 14th, 16th, 17th, 22d, 25th and 26th. Prevailing direction of the wind, S.W. There were 16 clear, 7 fair and 8 cloudy days. Thunderstorms on the 3d, 4th, 8th and 26th. Thunder without lightning on the 7th, 18th and 22d. Lightning without thunder on the 6th and 31st. Eclipse of the moon on the 22d. Seventeen-year locusts had practically disappeared by the 12th, although a few were heard at rare intervals until the 18th.

PERRY COUNTY, CHAS. ZIEGLER, Observer, Old DuQuoin. Highest temperature, 103.0° , on the 31st; lowest, $59^{\circ}.0$, on the 21st; range, $44^{\circ}.0$; greatest daily range, $29^{\circ}.0$, on the 21st and 22d; least, $7^{\circ}.0$, on the 10th; mean daily range, $22^{\circ}.7$; mean maximum temperature, $93^{\circ}.0$; mean minimum, $70^{\circ}.3$. The mean temperature of the month was $81^{\circ}.6$. The precipitation was 2.20 inches, falling on five days, viz: 9th, 14th, 17th, 26th and 28th. Prevailing direction of the wind, W. There were 20 clear, 5 fair and 6 cloudy days. Thunderstorms on the 4th, 8th, 14th and 28th.

ST. CLAIR COUNTY, AUG. GIERSCHNER, Observer, New Athens. Highest temperature, 100° , on the 31st; lowest, 72° , on the 14th; mean, $82^{\circ}.38$. Rain fell on the 3d, 5th, 8th, 9th, 14th, 16th, 17th, 25th, 26th and 29th. Total precipitation, 2.28 inches. Thunder and lightning on the 3d, 8th, 16th and 25th. Auroras on the 11th and 12th. Prevailing direction of the wind, S. & S.W. There were 4 clear, 21 fair and 6 cloudy days. Wheat, oats, timothy and clover were harvested in time and brought home in good condition. Some of the corn suffered by not receiving enough rain. The small quantity of 2.28 inches which fell during July, and scattered over ten different days at that, was insufficient for a healthy growth. Garden and orchard fruits are doing well; also grapes, which now begin to ripen. There are many chinch-bugs in corn, but the damage done by them is not quite as great as in other seasons. No damage was done by storms or hail.

COMPARATIVE MEAN TEMPERATURE AND PRECIPITATION FOR JULY, 1888.

STATIONS.		MEAN TEMPERATURE, Deg. Fahrenheit.				PRECIPITATION, Inches and hundredths.			
		Normal.	No. of years.	July, 1888.	Departure or + -	Normal.	No. of years.	July, 1888.	Departure or + -
NORTHERN DIVISION.									
<i>County.</i>	<i>Place.</i>								
Lake	Lake Forest	72.5	2	70.7	-1.5	1.04	2	1.89	+0.85
McHenry	Riley	70.7	27	70.7	0.0	3.80	27	3.44	-0.36
Stephenson	Cedarville	74.4	2	72.6	-1.8	2.35	2	3.30	-0.95
Cook	Chicago	72.4	17	72.0	-0.4	3.54	17	3.93	+0.39
Kane	Aurora								
DeKalb	Sycamore	71.3	7	71.6	+0.3	4.70	8	3.10	-1.60
Kendall	Oswego	72.6	8	73.6	+1.0	3.25	8	3.58	+0.33
LaSalle	Ottawa								
Rock Island	Davenport, Ia.	75.3	16	74.4	-0.9	3.76	16	7.31	+3.55
Peoria	Peoria	78.0	32	79.7	+1.7	4.00	32	6.48	+2.48
Iroquois	Watseka	74.8	4	74.7	-0.1	2.56	4	2.49	-0.07
Knox	Oneida								
CENTRAL DIVISION.									
Ford	Melvin								
Tazewell	Pekin	79.7	3	78.5	-1.2	3.55	3	7.94	+4.39
Hancock	Keokuk, Iowa	77.6	16	75.7	-1.9	4.11	16	6.00	+1.89
Champaign	Philo	78.0	3	76.0	-2.0	4.36	3	8.86	+4.50
Sangamon	Springfield	77.0	9	75.5	-1.5	2.10	9	4.59	+2.49
Pike	Griggsville	79.4	10	78.0	-1.4	1.90	6	6.81	+4.91
Pike	Louisiana, Mo.								
Coles	Mattoon	76.1	9	77.0	+0.9	2.65	9	2.25	-0.40
Christian	Pana								
Shelby	Windsor	78.2	4	76.6	-1.6	2.16	4	2.36	-0.20
Greene	White Hall								
SOUTHERN DIVISION.									
Crawford	Palestine								
Bond	Greenville	78.9	10	76.8	-2.1	4.51	6	6.06	+1.55
Madison	Collinsville	76.2	9	77.5	+1.3	2.27	6	5.25	+2.98
Lawrence	Sumner								
Clay	Flora	78.0	3	78.0	0.0	2.39	3	1.79	-0.60
Clinton	Irishtown	79.1	4	79.3	+0.2	1.90	4	3.61	+1.71
St. Clair	St. Louis, Mo.	79.2	17	79.0	-0.2	3.84	17	2.09	-1.75
Washington	Richview	79.1	4	77.8	-1.3	2.02	4	1.88	-0.14
Hamilton	McLeansboro	77.6	6	78.2	+0.6	2.33	6	2.18	-0.15
Pope	Golconda	79.4	11	79.5	+0.1	3.46	11	1.65	-1.81
Alexander	Cairo	79.5	17	79.5	0.0	3.71	17	3.32	-0.39
Wayne	Fairfield								

[illegible]

Table of Daily and Mean Daily Maximum Temperatures reported by Voluntary and Signal Service Observers for the Month of July, 1888 (From Self Registering Thermometers only.)

STATIONS.		MAXIMUM TEMPERATURE.																															Mean		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHERN DIVISION.																																			
County.																																			
McHenry	Woodstock	83	77	85	92	76	82	87	76	77	70	85	90	86	66	73	73	74	84	86	78	82	85	82	80	81	85	85	80	85	85	95	83.3		
Lake	Lake Forest	74	85	91	86	77	90	87	76	68	83	89	86	65	70	74	74	80	85	78	73	85	82	77	76	79	82	80	79	85	92	91	80.7		
Cook	Chicago.	Kane	Aurora	White	Sterling	Cook	Wheeling	Will.	Joliet	Rock Island	Davenport	Pottam	Hennepin	Warren	Monmouth	Livingston	Dwight	Iroquois	Waukega	Peoria	Peoria	Mean.												86.7	
89	90	93	94	92	94	97	84	79	88	89	93	81	79	85	81	85	88	87	91	88	93	93	90	94	93	93	94	96	102	89.9					
89	92	93	93	88	92	97	82	75	82	88	91	78	77	85	83	85	80	86	88	87	82	88	90	87	87	90	91	93	92	94	96	98	87.8		
92	93	99	97	88	94	98	91	73	84	93	95	82	75	84	82	86	87	82	88	87	82	88	92	90	87	90	90	90	90	90	93	95	100	89.3	
Mean.		86.5																																	
CENTRAL DIVISION.																																			
Tazewell	Pekin	95	97	98	98	87	95	98	95	74	84	90	92	82	76	86	84	86	87	87	90	92	96	90	94	95	94	90	94	96	98	102	90.7		
Vermilion	Heoperton	Hancock	Keokuk	Ia.	Qas	Ashtab	Sangamon	Springfield	Morgan	Jacksonville	Scott	Winchester	Shelby	Windsor	Pike	Louisiana	Mo	Champaign	Philo	Mean.												86.2			
87	89	89	90	85	92	95	88	75	83	86	93	89	75	81	78	83	84	80	82	89	85	83	85	88	88	87	88	89	88	87	88	89	92	95	85.9
86	89	91	91	85	91	93	87	75	62	85	90	86	72	80	80	82	83	79	82	82	88	86	86	89	88	87	85	88	89	82	95	84	9		
85	90	92	90	84	91	94	87	75	79	85	90	84	72	81	79	81	82	76	80	83	87	82	85	87	85	87	85	88	89	82	95	84	9		
90	93	94	95	92	98	98	93	80	88	91	95	85	76	88	87	80	89	91	89	90	91	91	92	89	82	89	82	90	90	92	95	102	91.2		
91	91	91	91	87	91	92	88	78	84	88	82	88	82	72	87	86	80	84	80	86	85	90	88	92	93	87	90	90	92	95	95	86	7		
Mean.		85.0																																	
Mean.		87.2																																	

SOUTHERN DIVISION.

Fayette.....	Vandalia.....	88	91	93	93	89	94	96	91	88	82	89	93	82	73	88	86	81	89	83	84	86	91	91	91	92	89	90	90	93	94	98	89	0
Bond	Greenville ..	88	91	92	93	90	94	95	91	85	81	88	94	90	80	86	86	82	87	82	83	85	90	88	87	92	89	88	89	90	93	98	86	6
Clay	Flora.....	78	86	94	92	86	93	94	92	86	82	86	94	84	78	84	86	82	86	81	83	87	88	88	87	92	88	86	86	90	91	96	86	1
St. Clair....	St. Louis, Mo	84	92	94	95	90	94	96	85	88	90	90	88	80	76	78	78	80	80	80	84	87	88	88	90	94	92	90	90	91	92	101	83	5
Madison.....	Collinsville ..	85	89	90	91	88	93	94	89	86	82	86	92	82	75	85	88	82	88	82	82	87	89	92	87	92	88	89	85	91	94	99	87	9
St. Clair....	Mascoutah ..	89	96	99	98	95	97	101	97	88	78	91	96	99	78	87	93	88	88	85	86	88	74	95	95	97	95	93	93	94	96	103	93	0
Washington..	Richview.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
Saline.....	Harrisburg ..	89	96	99	98	95	97	101	97	88	78	91	96	99	78	87	93	88	88	85	86	88	74	95	95	97	95	93	93	94	96	103	93	0
Perry.....	Old DuQuoin ..	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
Alexander ..	Cairo,	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
Mean .....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
State .....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90	91	94	89	86	82	86	89	91	82	85	90	84	85	82	82	83	86	90	90	91	91	90	84	89	92	95	88	2
.....	.....	87	92	91	92	90																												

[illegible]

BAROMETER FOR JULY, 1888.

STATIONS.	Mean.	Highest.	Date.	Lowest.	Date.	Range.
NORTHERN DIVISION.						
Lake Forrest.....	29, 823	30, 215	3	29, 575	12	0.650
Chicago.....	30, 020	30, 210	20	29, 810	12	0.400
Aurora.....						
Prairieville.....						
Oswego.....	30, 066	30, 199	15	29, 890	12	0.309
*Lacon.....	29, 630	29, 830	20	29, 430	12	0.400
*Peoria.....	29, 608	29, 790	20	29, 396	12	0.394
Watseka.....	29, 993	30, 174	20	29, 728	12	0.446
Kankakee.....						
Davenport, Ia.....	30, 012	30, 210	20	29, 850	13	0.360
Wataga.....						
*Warren.....						
*Rockford.....						
Mean.....	29.983					
CENTRAL DIVISION.						
Pekin.....	30, 219	30, 394	20	30, 028	12	0.366
Keokuk, Ia.....		30, 200	20	29, 850	13	0.340
*Hoopeston.....						
Springfield.....	30, 046	30, 240	20	29, 850	9	0.390
Griggsville.....						
Windsor.....	30, 018	30, 237	21	29, 866	9	0.371
*Martinsville.....						
Jacksonville.....	29, 807	30, 097	20	29, 556	12	0.541
Philo.....	30, 010	30, 200	24	29, 820	9	0.380
Mean.....	30.020					
SOUTHERN DIVISION.						
Vandalia.....						
St. Louis Mo.....	30, 025	30, 210	20	29, 860	12	0.350
Richview.....	29, 986	30, 162	20	29, 820	9	0.343
Cairo.....	30, 036	30, 180	20	29, 880	9	0.300
Mean.....	30.016					
State.....	30.006					

*Not corrected for elevation.

METEOROLOGICAL REPORT.

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Monmouth .. Warren ..	784	40	54	90	39	102	.031	54	.0	13	48	0	4.32	S. & S.W.	Prof. J. C. Hutchison.	
Pontiac .. Livingston ..	600	40	54	88	40	77.2	102	.031	54	.0	13	48	0	4.32	S.W.	Isaac Young & K. Pearce	
Dwight .. Livingston ..	41	4	88	26	77.2	.....	101	.631	50	.93	50	7	26	3	2.44	S. & S.E.	O. Mulford & H. K. Pearson
Waukega .. Iroquois ..	640	40	48	87	45	74.7	87.8	63.5	98	.531	54	.220	44	324	3	2.49	E.	Henry Upsall.
Peoria .. Rockford ..	490	40	43	89	43	79.7	89.3	69.4	100	.031	58.0	.13	42	0	19.9	.....	Dr. Fred. Brendel.
Winnebago .. Polo ..	42	15	89	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. W. Budlong.
Means ..	.....	.....	75.1	86.5	64.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	S.W.	A. B. Sweeney.
CENTRAL DIVISION.																		
Pekin .. Tazewell ..	465	40	35	89	39	78.5	90.7	65.0	102	.031	55.0	.20	47	0	25.7	S.W.	Rev. J. E. Terborg.	
Fairview .. Fulton ..	40	38	9	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Mary C. Bennett
Hoopeston .. Vermilion ..	40	38	9	46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss C. Jean Trego.
Gibson City .. Ford ..	418	40	25	91	25	75.7	86.2	68.0	96	.331	60.8	.13	35	5	18.2	S. & S.W.	A. C. Rishel.	
Keokuk la. Hancock ..	40	12	88	26	74.5	.....	95	.031	52	.0	43	0	.....	.....	.....	S.E.	Fr. Z. Gosevich, S.S. Obs.
Mahomet .. Champaign ..	40	10	89	14	75.2	.....	98	.031	56	.0	40	.....	.....	.....	.....	S.W.	Dr. C. L. Myers.
Reason .. Logan ..	40	10	89	20	.....	.....	94	.0	7	63	.0	14	31	0	16.0	S.E.	L. H. Sullivan.
Wapella .. Lewist ..	771	39	59	88	87	6.0	85.0	69.0	94	.0	7	63	.0	14	31	0	16.0	Miss Ada Stackhouse.
Philo .. Champaign ..	39	59	88	87	6.0	85.0	69.0	94	.0	7	63	.0	14	31	0	16.0	H. A. Burr.	
Ashland .. Cass ..	39	59	88	87	6.0	85.0	69.0	94	.0	7	63	.0	14	31	0	16.0	W. W. Gailey, M. D.	
Springfield .. Sangamon ..	644	39	47	89	40	75.5	85.9	66.9	97	.131	58.9	.14	38	2	19.0	S.	John Craig, S. S. Obs.	
Jacksonville .. Morgan ..	664	39	45	90	18	77.4	84.9	68.9	95	.231	60.0	.16	35	2	16.0	S.	Prof. P. J. Hasenstab.	
Griggsville .. Pike ..	650	39	41	90	40	78.0	92.3	68.0	106	.031	61.0	.19	45	0	24.3	E.	C. H. Oakford.	
Paris .. Edgar ..	39	38	87	42	75.0	.....	92	.031	60	.14	32	0	.....	.....	.....	S.W.	Wilbur T. Cook.
Winchester .. Scott ..	39	32	89	45	.....	.....	102	.031	53	.0	21	49	0	26.6	.....	S.	David Lewis.
Virden .. Macoupin ..	716	39	48	89	35	76.4	86.7	66.9	95	.231	57.1	.20	38	1	19.8	S.	A. C. Gish.	
Windor .. Shelby ..	724	39	29	88	23	77.0	101	.0	7	62	.0	14	39	0	S.W.	A. H. Hatch.
Mattoon .. Coles ..	480	39	27	90	25	80.8	94	.031	66	.0	14	28	0	S.W.	Wm. Dozier.
White Hall .. Greene ..	760	39	25	89	7	75.0	96	.031	58	.0	15	38	0	S.E.	P. J. Bates.
Pana .. Christian ..	610	39	21	87	54	96	.031	58	.0	15	38	0	S.E. & S.W.	J. K. Eberle.
Martinsville .. Clark ..	39	20	91	18	98	.031	65	.0	11	33	0	S.	J. B. Shapley.
Louis'na Mo. Pike ..	39	26	90	24	80.3	.....	103	.0	6	62	.0	20	41	0	.....	S.E.	M. J. Hassler.
Kampville .. Calhoun ..	40	36	89	35	77.8	.....	103	.0	6	62	.0	20	41	0	.....	S.W.	Dr. S. Southworth.
Brush Hill .. Tazewell ..	40	36	89	35	77.8	.....	90	.031	56	.0	20	34	0	.....	.....	S.E.	C. L. Farrington.
Flat .. Atwood ..	40	0	89	00	75.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	S.W.	J. W. C. Gray.
Means ..	.....	.....	77.0	87.9	67.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	S.W.	.....
SOUTHERN DIVISION.																		
Palestine .. Crawford ..	39	2	87	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jno. E. Templeton.
Vandalia .. Fayette ..	39	0	87	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jos. Urbani.
Eberle .. Effingham ..	38	58	80	77.2	.....	.....	101	.031	66	.0	10	35	0	.....	.....	S.W.	Geo. Strong.
Greenville .. Bond ..	38	58	89	25	76.8	89.0	66.4	98	.031	56	.0	20	42	0	22.6	S.E.	M. S. Oudyn, Ph. G.	
Sumner .. Lawrence ..	38	45	88	92	80.0	.....	98	.031	66	.0	14	32	0	.....	.....	N.W.	J. A. Fyffe.
Olney .. Richland ..	38	45	88	7	78.2	.....	97	.0	7	63	.0	14	34	0	.....	N.E. & S.W.	Miss Clementin Fahs.
Flora .. Clay ..	38	45	88	30	78.0	67.0	98	.031	58	.0	20	40	0	23.0	.....	E.	L. A. Michels.
St. Louis, Mo. St. Clair ..	571	38	45	90	12	79.9	93.1	64.5	115	.33	41	7	6	2.09	.....	N.E.	V. P. Chappel, S. S. Obs.
Calbassier .. Madison ..	600	38	40	90	0	77.5	87.6	68.0	95	.831	50	.5	1	45	3	19.2	Dr. J. L. R. Wadsworth.	

Monthly Summary of Meteorological Reports—Continued.

PLACE OF OBSERVATION.	Altitude above sea level— in feet.	Latitude N.	Longitude W.	TEMPERATURE.— <i>Deg. Fahr.</i>						PRECIPITATION.				NO. OF DAYS.				Prevailing direction of wind.	NAME OF OBSERVER.				
				Monthly mean.	Mean of Maximum.	Mean of Minimum.	Max.			Greatest daily.	Date.	Total snowfall.	On ground at end of month.	Clear.	Fair.	Cloudy.	On which .01 inch or more precip. fell.						
							Degree.	Date.	Degree.														
Irishtown..... Clinton.....	38 40	89 30	79.3	...	...	...	97.0	31	65.0	20	32.0	...	1.25	26	...	15	13	3	8	...	S. E.	Wm. Rogan.
Centralla..... Marion.....	492	38 33	89 10	...	...	...	101.0	31	68.0	15	33.0	...	...	...	...	16	6	9	5	...	...	J. L. Hallam.
Mascoutah... St. Clair.....	38 30	89 50	79.4	88.5	70.9	38.0	101.0	31	60.0	16	41.0	18.2	...	...	...	...	...	...	...	...	...	Dr. G. Leibrock,
Albion..... Edwards.....	38 24	88 6	...	...	...	...	98.0	31	64.0	21	34.0	...	...	...	...	...	...	...	...	...	...	B. T. Michels.
Fairfield..... Wayne.....	530	38 20	88 20	81.2	...	...	98.0	31	64.0	21	34.0	...	...	...	...	8	16	7	3	S. E. & S. W.	...	Jacob Hall.
Richview..... Washington.....	589	38 20	89 10	77.8	87.9	67.7	99.3	31	56.4	20	42.9	20.2	...	0.70	9	...	18	11	2	9	S. W.	...	A. G. Tucker.
New Athens St. Clair.....	...	38 16	89 55	100.0	31	62.0	22	38.0	19.3	...	0.50	9	...	17	12	2	9	S. W.	...	August Gierschner.
Jordan's Grove, Randolph.....	...	38 14	89 48	79.3	89.1	69.7	102.0	31	62.0	20	40.0	0.73	8	...	14	15	2	5	N. E.	...	W. J. S. Cathcart.
McLeansboro Hamilton.....	...	38 7	89 35	78.2	...	...	102.0	31	62.0	20	40.0	...	...	...	...	...	...	...	...	...	...	Wm. P. Gibbs.
Benton..... Franklin.....	38 2	88 56	...	...	...	...	95.0	31	66.0	14	29.0	...	...	...	...	...	...	...	...	...	...	John McPherson.
Harrisburg... Saline.....	37 46	88 35	95.0	31	66.0	14	29.0	0.57	17	...	14	13	3	5	S. W.	...	Grigg & Grace.
Goconda..... Pope.....	37 25	88 25	79.5	...	...	...	95.0	31	64.8	21	30.2	16.3	...	...	...	...	...	...	...	...	...	J. E. Y. Hanna.
Mound City... Pulaski.....	37 7	89 11	...	...	...	...	95.0	31	64.8	21	30.2	16.3	...	1.10	17	...	...	...	...	...	...	Dr. B. C. Taber.
Caro..... Alexander.....	359	37 0	89 10	79.5	88.2	71.9	103.0	31	59.0	21	44.0	22.7	...	0.70	14	...	20	5	6	5	N. W.	...	C. L. Bozzell, S.S. Obs.
Old DuQuoin... Perry.....	...	...	...	...	81.6	93.0	70.3	103.0	31	59.0	21	44.0	22.7	...	...	...	...	...	...	...	...	Chas. Zeigler.
Means.....	78.9	89.0	69.2	19.8	...	3.02	17	9	5	6	S. W.	...	
State Averages.....	77.0	87.8	66.8	21.0	...	4.05	14	11	6	...	S. W.	...	

COMPARATIVE METEOROLOGICAL DATA FOR ILLINOIS DURING JULY.

Nature of Data.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.
Highest pressure, inches.....	30.402	30.330	30.370	30.360	30.240	30.380	30.180	30.240
Lowest " " ".....	29.550	29.260	29.180	29.240	29.370	29.000	29.610	29.575
Mean " " ".....	29.955	29.855	29.941	29.899	29.923	29.819	29.943	30.006
Range of " " ".....	0.852	1.070	1.190	1.120	0.870	1.380	0.570	0.665
Highest temperature, degrees	104.0	97.0	99.0	98.0	104.0	104.0	108.0	106.0
Lowest " " ".....	53.0	45.0	47.0	50.0	43.0	44.0	40.0	49.0
Mean " " ".....	78.5	72.7	74.9	73.8	78.1	77.1	80.0	77.0
Range of " " ".....	51.0	52.0	52.0	48.0	61.0	60.0	68.0	57.0
Greatest daily " range of temp.deg.	26.5	23.1	26.8	34.0	49.0	39.0	49.0	45.0
Least " " ".....	5.0	5.0	6.5	2.0	1.0	1.5	2.0	3.5
Mean " " ".....	19.5	14.5	18.8	16.0	17.1	20.3	22.7	21.0
Mean relative humidity, per cent.	72.5	71.0	73.0	75.0	71.0	68.0	66.0	74.6
Average number of clear days.....	12	11	10	9	12	8	19.0	14
Average number of fair days.....	8	13	13	13	13	8	8	11
Average number of cloudy days.....	11	7	8	9	6	4	4	6
Average number of days on which .01 inch or more precip. fell..	12	10	9	11	11	7	6	8
Greatest monthly precipitation, in.	6.57	7.12	8.30	10.60	5.00	4.55	6.60	8.86
Least monthly precipitation, in.	0.98	1.69	2.77	1.40	0.62	0.04	0.00	0.70
Average monthly precipitation, in.	2.55	3.89	4.83	4.50	2.88	1.26	2.06	4.05
Prevailing direction of wind.....	S.W.	S.W.	S.W.	N.W. & S.W.	S.W.	N.E.	S.W.	S.W.
Average snowfall, in inches.....								

METEOROLOGICAL REPORT.

[illegible]

Daily and Monthly Precipitation—Continued.

[illegible]

ILLINOIS STATE FAIR—OLNEY, SEPTEMBER 24-28, 1888.
AMERICAN HORSE SHOW—CHICAGO, NOVEMBER 13-24, 1888.
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 13-24, 1888.
AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 13-24, 1888.
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 13-24, 1888.

STATISTICAL REPORT

— OF THE —

ILLINOIS STATE BOARD OF AGRICULTURE,

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.,

— FOR —

AUGUST 1, 1888.

TOGETHER WITH THE

MONTHLY WEATHER REVIEW

OF THE

ILLINOIS STATE WEATHER SERVICE.

CHARLES F. MILLS, SECRETARY,

Illinois Department of Agriculture.

Springfield.

CIRCULAR 142.

SPRINGFIELD, ILL.:
ILLINOIS STATE JOURNAL COMPANY.
1888.

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ILLINOIS CROP REPORT,

—FOR—

AUGUST, 1888.

Synopsis of the Reports of Correspondents upon the Condition of the Growing
Crops, Etc.

ILLINOIS DEPARTMENT OF AGRICULTURE, }
SPRINGFIELD, August 1, 1888. }

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of August.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to the Department.

A large number of the correspondents have been reporting to this Department during the past twelve years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality.

The State covers such an extended area from north to south (385 miles), and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of the crops.

SEASON.

The Monthly Weather Review of the Department contains detailed information concerning the temperature, precipitation, etc., for the past month, and may be found elsewhere in this report

WHEAT.

SPRING AND WINTER.

The area of the recently harvested wheat crop is 114,296 acres less than that of 1887.

The area of winter wheat was 2,178,964 acres, and of spring wheat 98,037 acres, a total of 2,277,001 acres.

The average yield of 15 bushels per acre is rather above the average for a term of years, but the quality of the grain is inferior, especially in the southern portion of the State, where the chinch-bugs have committed great ravage.

The total yield of 34,317,820 bushels is 4,358,566 bushels less than the yield last year.

The price received per bushel, 70c, is, with one exception, the lowest price ever received for wheat in Illinois at corresponding date.

The following table gives the area, yield and value of the wheat crop of the State during the past twenty-nine years:

WHEAT—(Spring and Winter)

Year.	Number of acres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	†Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860. . . .	2,109,471	11.3	23,837,023	\$0 85	\$20,261,469	\$9 60	\$10 55	\$22,254,919	.....	\$1,993,450
1861. . . .	2,109,471	11.3	23,837,023	71	16,927,284	8 02	10 55	22,254,919	.....	5,330,635
1862. . . .	2,300,994	14	32,218,500	76	24,482,262	10 64	10 55	24,275,170	\$ 207,092	.....
1863. . . .	2,617,347	12	31,408,183	1 05	32,978,571	12 59	10 55	27,613,211	5,365,560	.....
1864. . . .	2,328,763	14.3	33,371,173	1 55	51,725,318	22 21	10 55	27,568,450	27,156,868	.....
1865. . . .	2,296,977	11	25,266,745	1 09	27,541,732	12 00	10 55	24,233,107	3,308,625	.....
1866. . . .	2,196,263	18	28,551,421	1 93	55,104,243	25 09	10 55	23,170,575	31,933,668	.....
1867. . . .	2,456,140	11.4	28,060,000	1 97	55,560,000	22 45	10 55	26,912,177	29,247,723	.....
1868. . . .	2,483,478	11.5	28,560,000	1 20	34,272,000	13 80	10 55	26,200,692	8,071,308	.....
1869. . . .	2,607,142	11.2	28,300,000	76	22,192,000	8 51	10 55	27,505,348	.....	5,313,348
1870. . . .	2,259,538	12.7	27,115,000	94	25,488,100	11 28	10 55	23,838,600	1,649,500	.....
1871. . . .	2,050,081	12.3	25,206,000	1 18	29,754,880	14 51	10 55	21,628,354	8,126,526	.....
1872. . . .	2,042,231	12.1	24,711,000	1 23	30,394,530	14 88	10 55	21,546,537	8,848,993	.....
1873. . . .	2,104,963	13.5	28,417,000	1 10	31,258,700	14 84	10 55	22,207,361	9,051,340	.....
1874. . . .	2,619,304	11.5	30,122,000	86	25,904,920	9 88	10 55	27,633,657	1,728,737	.....
1875. . . .	2,600,000	10.5	27,300,000	91	24,843,000	6 55	10 55	27,430,000	2,587,000	.....
1876. . . .	2,520,430	9.3	23,440,000	93	21,799,200	8 64	10 55	26,590,536	4,791,336	.....
1877. . . .	1,977,745	16.4	32,490,556	1 15	38,002,082	19 22	10 55	20,865,210	17,136,872	.....
1878. . . .	2,324,755	14 6	33,883,398	80	27,059,460	11 64	10 55	24,526,165	2,533,295	.....
1879. . . .	2,440,808	18. 3/4	45,417,661	87	39,930,639	16 36	10 55	21,750,535	14,180,104	.....
1880. . . .	3,256,350	17. 1/2	56,508,409	82	46,497,160	14 27	10 55	24,854,650	11,642,610	.....
1881. . . .	3,642,589	7. 1/2	22,374,163	1 07	24,133,780	7 90	10 55	32,499,238	8,365,458	.....
1882. . . .	2,846,117	18. 1/2	52,323,261	89	46,714,376	16 41	10 70	30,477,274	16,237,102	.....
1883. . . .	2,047,956	10	20,347,502	95	19,337,063	9 50	11 10	22,695,812	3,358,749	.....
1884. . . .	2,717,592	15	33,611,245	76	25,410,014	9 35	10 75	29,272,419	3,862,400	.....
1885. . . .	1,063,364	7	8,299,243	86	7,162,292	6 70	10 65	11,358,311	4,196,019	.....
1886. . . .	1,991,536	14	28,284,086	74	18,865,383	9 47	10 75	21,423,465	2,558,082	.....
1887. . . .	2,391,297	16	38,676,486	65	25,032,982	10 47	10 90	26,070,347	1,030,365	.....
1888. . . .	2,277,001	15	34,317,920	70	24,128,437	10 60	9 50	21,632,132	2,496,305	.....

†1860-1881 estimated same as reported for 1880.

WINTER WHEAT.

Over one million bushels of winter wheat was produced in each of the following counties in 1888, viz: Adams, 1,785,525 bushels; Christian, 1,005,057; Fulton, 1,267,749; Greene, 1,197,064; Logan, 1,176,325; Macoupin, 1,325,280; Madison, 1,158,528; Mason, 1,333,731; Morgan, 1,390,340; Pike, 1,190,746; Sangamon, 1,315,881.

From five hundred thousand to a million bushels of winter wheat were produced in each of the counties named below: Brown, 514,488 bushels; Cass, 532,520; Hancock, 925,812; Jersey, 573,560; Menard, 551,100; Monroe, 600,842; Montgomery, 950,376; Randolph, 966,434; Schuyler, 651,424; St. Clair, 807,264; Tazewell, 875,288; Washington, 684,297.

The area, yield and value of the winter wheat crop of the State is given by counties in a table published elsewhere in this report.

SPRING WHEAT.

The area sown to spring wheat in this State last season was less than one hundred thousand acres.

In the following counties over fifty thousand bushels were harvested: Bureau, 189,240 bushels; DeKalb, 79,590; Henry, 55,187; Lake, 76,590; LaSalle, 105,944; Lee, 141,184; McHenry, 102,925; Ogle, 82,860; Whiteside, 91,360.

OATS.

The area seeded to oats this season, 3,809,830 acres, is the largest ever devoted to oats in Illinois. The prospects for an unusually large yield per acre were very favorable early in the season, but the heavy rains just before the grain was fully matured caused lodging, and a great deal was lost in consequence. Even with this drawback, however, the average yield per acre, 40 bushels, has never been exceeded in this State, and has been equaled but once, in 1882. The total yield of oats this season was 151,172,783 bushels.

The average price per bushel paid for oats, 24 cents, is a little higher than in 1887, but less than the average for a term of years.

But once in the last twenty-nine years (1882) has the total value of the oat crop exceeded that received for this year's yield, \$36,264,246.

The following table gives the area, yield and value of the oat crop of the State during the past twenty-nine years:

Year.	Number of acres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel—cents.	Total value.	Value per acre.	†Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	543,572	28	15,220,029	26	\$ 3,957,207	\$ 7.28	\$ 9.40	\$ 5,109,577	.....	\$1,152,370
1861.....	543,572	28	15,220,029	19	2,891,805	5.32	9.40	5,109,577	.....	2,217,772
1862.....	894,610	20	17,892,209	24	4,294,128	4.80	9.40	8,409,834	.....	4,115,206
1863.....	820,059	24	19,681,420	56	11,011,595	13.44	9.40	7,708,555	\$3,313,040	.....
1864.....	779,003	31	24,273,571	61	14,806,988	19.00	9.40	7,322,628	7,484,360	.....
1865.....	802,520	35	28,088,197	24	6,741,167	8.40	9.40	7,543,688	.....	802,521
1866.....	883,952	34	39,054,370	33	9,917,942	11.21	9.40	8,309,149	1,608,793	.....
1867.....	1,068,372	30	32,158,000	49	15,757,420	14.74	9.40	10,042,697	5,714,723	.....
1868.....	1,018,150	32	32,479,000	39	12,666,810	12.44	9.40	9,570,610	3,096,200	.....
1869.....	1,099,261	22	35,726,000	37	13,218,620	12.02	9.40	10,333,053	2,885,567	.....
1870.....	1,480,846	26	38,509,000	32	12,320,640	8.32	9.40	13,919,952	.....	1,599,312
1871.....	1,163,202	33	38,502,000	28	10,770,560	8.26	9.40	10,934,099	.....	153,539
1872.....	1,178,196	36	43,122,040	19	8,294,180	6.95	9.40	11,075,042	.....	2,881,862
1873.....	1,178,666	30	35,360,000	28	9,900,800	8.31	9.40	11,079,460	.....	1,079,660
1874.....	1,818,514	17	31,824,000	45	14,320,800	7.87	9.40	17,094,032	.....	2,773,232
1875.....	2,272,727	33	75,000,000	28	22,000,000	9.24	9.40	21,363,634	.....	363,634
1876.....	2,400,000	20	48,000,000	26	12,480,000	5.20	9.40	22,560,000	.....	10,080,000
1877.....	1,556,194	39	61,145,983	26	16,269,647	10.45	9.40	14,628,224	.....	1,641,423
1878.....	1,757,953	30	53,423,555	20	10,684,911	6.07	9.40	16,524,728	.....	5,839,817
1879.....	1,631,139	33	54,664,569	22	12,059,162	7.39	9.40	15,332,706	.....	3,273,544
1880.....	1,749,391	35	62,709,002	24	12,858,247	8.40	9.40	17,375,108	.....	4,516,861
1881.....	1,922,389	35	68,644,514	30	21,022,267	10.50	9.40	19,090,119	1,932,048	.....
1882.....	1,661,655	40	99,275,380	41	41,062,611	16.40	9.85	24,316,329	16,746,282	.....
1883.....	2,740,959	38	104,299,230	26	27,403,706	9.88	9.85	27,061,660	341,046	.....
1884.....	2,867,580	36	102,411,665	25	26,047,256	9.08	9.85	28,254,143	.....	2,206,887
1885.....	3,159,586	36	114,344,387	24	28,098,984	8.89	9.75	30,863,626	.....	2,764,640
1886.....	3,337,455	34	113,247,644	26	29,042,381	8.70	9.80	32,644,177	.....	3,601,796
1887.....	3,643,861	30	110,006,640	23	25,625,744	7.03	9.75	35,473,984	.....	9,848,240
1888.....	3,809,830	40	151,172,782	24	36,264,246	9.52	9.40	35,911,979	352,267	.....

†1860-1881 estimated same as reported for 1881.

Over two million bushels of oats were produced this season in each of the following counties, viz: Bureau, 4,288,440 bushels; Champaign, 4,194,402; Cook, 2,493,840; DeKalb, 3,190,600; Ford, 2,891,500; Grundy, 2,712,093; Hancock, 2,204,830; Henry, 2,888,701; Iroquois, 4,367,480; Kankakee, 3,010,100; Knox, 3,379,264; LaSalle, 4,707,690; Lee, 2,134,872; Livingston, 5,776,314; Logan, 2,005,360; Macon, 2,238,590; McHenry, 2,049,250; McLean, 5,370,840; Ogle, 5,447,650; Stephenson, 2,014,532; Tazewell, 2,360,227; Vermilion, 3,033,333; Will, 3,772,332; Woodford, 2,907,600.

In a table published elsewhere in this report, the area, yield and value of the oat crop of the State for this season is given by counties.

RYE.

The area of rye harvested this season, 276,498 acres, is 40 per cent. larger than that of 1887. The average yield of 21 bushels per acre, is the largest yield per acre ever raised in the State. The total amount of rye harvested this year was 5,752,596 bushels, which has been exceeded but once, in 1882.

In 1862, 1878 and 1887 alone was the price obtained for rye so low as this season, when it was 41 cents. The aggregate value of the 1888 rye crop of the State was \$2,497,540. But once in twenty-nine years, 1882, has this value for the rye crop been exceeded.

The following table gives the area, yield and value of the past twenty-nine rye crops grown in the State:

Year.	Number of acres.	Average yield per acre bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	*Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	59,455 16		951,281	\$0 49	\$ 466,127	\$ 7 87	\$ 9 80	\$582,659		\$ 116,532
1861.....	59,455 16		951,281	44	323,435	5 44	9 80	582,959		259,224
1862.....	49,066 20		981,322	43	421,968	8 60	9 80	480,847		58,879
1863.....	55,199 16		833,190	74	653,561	11 84	9 80	540,950	\$112,611	
1864.....	56,671 15		850,071	1 01	862,822	15 22	9 80	555,376	307,446	
1865.....	51,004 16 3/4		833,069	49	410,977	8 06	9 80	499,839		88,862
1866.....	42,721 16 6		666,455	79	526,500	12 32	9 80	418,666	107,834	
1867.....	42,600 15		639,000	1 19	760,410	17 85	9 80	417,480	342,930	
1868.....	37,814 16 2		645,000	93	599,850	15 06	9 80	490,177	109,673	
1869.....	46,875 14 4		675,000	64	432,000	9 32	9 80	459,375		27,375
1870.....	136,280 16 4	2,235,000		60 1/2	1,341,000	9 34	9 80	1,355,544	5,356	
1871.....	113,033 17 8	2,190,000		56 1/2	1,226,400	9 96	9 80	1,205,723	20,677	
1872.....	122,154 18 1	3,211,000		50 1/2	1,105,500	9 05	9 80	1,197,169		91,600
1873.....	134,664 15	2,087,000		58 1/2	1,205,240	9 00	9 80	1,313,827		108,587
1874.....	132,208 15 4	2,036,000		71 1/2	1,445,560	10 93	9 80	1,295,638	149,922	
1875.....	157,572 16 5	2,600,000		61 1/2	1,586,000	10 06	9 80	1,544,205	41,795	
1876.....	161,250 16	2,580,000		58 1/2	1,496,400	9 28	9 80	1,580,250		83,850
1877.....	231,972 16	3,852,091		55 2	1,103,800	9 10	9 80	2,273,326		169,526
1878.....	252,768 11	2,915,940		41 1/2	1,195,535	4 77	9 90	2,477,126		1,289,591
1879.....	235,073 18	4,238,824		47 1/2	1,191,104	8 47	9 80	2,303,715		312,317
1880.....	149,742 17	2,737,159		56 1/2	1,513,587	10 10	9 80	1,515,235		1,648
1881.....	175,418 16	2,956,411		81 2	2,403,954	12 96	9 80	1,773,875	630,079	
1882.....	357,095 18	6,538,683		62 4	2,064,483	11 16	10 05	3,591,007	483,416	
1883.....	275,766 17	4,695,448		48 2	2,444,646	8 16	10 10	2,798,758		554,112
1884.....	250,041 16	4,033,092		52 2	1,101,197	8 40	10 35	2,592,295		493,098
1885.....	142,706 15	2,108,745		53 1/2	1,121,968	7 86	10 25	1,465,448		343,470
1886.....	159,573 19	3,027,738		48 1/2	1,461,995	9 16	10 25	1,637,188		173,193
1887.....	194,356 15	2,970,020		42 1/2	1,250,123	6 43	10 25	1,996,397		746,274
1888.....	276,498 21	5,752,596		43 2	2,497,540	9 03	9 59	2,722,476		324,936

†1860-1881 estimated same as reported for 1880.

The area sown to rye in Illinois is comparatively small, but seven counties reporting

over ten thousand acres, viz: Bureau, 10,152; Carroll, 11,412; Henry, 14,905; Ogle, 15,345; Stephenson, 19,946; Whiteside, 22,718 and Winnebago, 20,250.

In the counties named below upwards of one hundred thousand bushels of rye were harvested: Boone, 104,830; Bureau, 223,344; Carroll, 239,652; DeKalb, 192,888; DuPage, 182,670; Henry, 313,026; JoDaviess, 180,360; Kane, 262,827; Kankakee, 175,000; Knox, 105,792; Lee, 166,740; McHenry, 149,850; Mercer, 156,132; Ogle, 276,174; Rock Island, 110,754; Stephenson, 378,974; Whiteside, 386,206; Will, 244,809; Winnebago, 385,750.

A table published elsewhere in this report gives the area, yield and value of rye in each county in the State.

BARLEY.

The area seeded to barley last season, 37,310 acres, was nearly ten thousand acres less than that seeded in 1887.

The average yield per acre was 26 bushels, making a total yield of 981,317 bushels, which is the largest yield since 1876, with the exception of 1880 and 1883.

The price obtained for the crop, 41 cents per bushel, is the lowest price ever paid for barley in this State, except in 1861, when the price was 26 cents per bushel.

The total value of the barley crop of 1888 was \$404,805.

The following table gives the area, yield and value of the past twenty-nine barley crops produced in this State:

Year.	Number of acres.	Average yield per acre.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	+Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	45,058	23	1,036,334	\$0 49	\$ 507,803	\$11 26	\$10 55	\$ 475,362	\$ 32,441	
1861.....	45,058	23	1,036,334	26	269,446	5 97	10 55	475,362		\$205,916
1862.....	32,657	36	1,175,651	60	705,390	21 60	10 55	344,521	360,859	
1863.....	54,775	22	1,205,042	95	1,444,790	20 81	10 55	577,876	566,914	
1864.....	50,520	22 $\frac{2}{3}$	1,144,790	37	1,568,362	31 04	10 55	532,986	1,035,376	
1865.....	50,425	21	1,058,931	56 $\frac{3}{4}$	600,943	11 91	10 55	531,994	68,949	
1866.....	41,510	25	1,037,753	68	705,672	17 00	10 55	437,930	267,742	
1867.....	44,663	22.3	996,000	1 28	1,274,880	28 52	10 55	471,195	803,685	
1868.....	37,829	25 8	976,000	1 36	1,327,360	35 08	10 55	399,096	928,264	
1869.....	59,808	20.8	1,250,000	90	1,125,000	18 81	10 55	630,974	494,026	
1870.....	111,600	20	2,232,000	62	1,383,840	12 49	10 55	1,177,380	206,460	
1871.....	80,509	25.5	2,053,000	52	1,067,560	13 26	10 55	849,370	218,190	
1872.....	79,455	26.1	2,073,000	55	1,140,150	14 35	10 55	837,944	302,206	
1873.....	99,130	23	2,280,000	95	2,166,000	21 85	10 55	1,045,821	1,120,179	
1874.....	119,302	17.2	2,052,000	97	1,990,440	16 68	10 55	1,258,636	731,804	
1875.....	113,281	25.6	2,900,000	70	2,030,000	17 92	10 55	1,195,114	834,886	
1876.....	124,293	17.7	2,200,000	50	1,100,000	8 85	10 55	1,311,291		211,291
1877.....	44,982	18.5	842,942	47	396,182	8 80	10 55	474,560		78,378
1878.....	29,301	24	703,294	56	398,844	10 19	10 55	309,125	89,719	
1879.....	25,494	22 $\frac{3}{4}$	578,911	46	265,951	10 43	10 55	268,972		3,021
1880.....	39,313	25	992,382	56	660,703	14 26	10 55	407,271	153,432	
1881.....	31,472	23	697,467	74	892,328	16 28	10 55	331,066	161,263	
1882.....	34,611	27	940,396	68	641,951	18 36	10 55	364,695	277,256	
1883.....	26,845	25	674,338	59	398,901	14 75	10 35	278,298	120,063	
1884.....	26,746	27	732,139	50	366,550	13 70	10 17	272,159	94,391	
1885.....	34,706	25	862,183	47	405,764	11 70	10 15	451,952	53,812	
1886.....	41,992	28	1,164,052	52	603,215	14 36	10 20	428,486	174,729	
1887.....	46,646	16	757,935	45	340,134	7 29	10 20	474,845		134,711
1888.....	37,310	26	981,317	41	404,805	10 85	10 20	380,286	24,519	

†1860-1881 estimated same as reported for 1880.

Upwards of fifty thousand bushels of barley was produced this season in the counties named: Boone, 72,125 bushels; Henry, 88,430; Lake, 53,305; McHenry, 162,144; Ogle, 96,520; Stephenson, 162,954; Winnebago, 54,652.

HAY.

The long drouth of 1887 was very injurious to meadows, many of them being burned entirely up, and the area the present season was but 3,043,723 acres.

The yield per acre of 1.41 tons was a good average, making the total yield 4,423,162 tons.

But \$6.70 per ton was obtained for the crop, a price rather below the average for a term of years. The total value of the 1888 hay crop was \$29,548,129.

In but one county in the State, DeKalb, did the value of the hay crop exceed one million dollars. In that county the value was \$1,169,748.

The following table gives the area, yield and value of the past twenty-nine hay-crops of the State:

Year.	Number of acres.	Average yield per acre.	Tons produced.	Price per ton.	Total value.	Value per acre.	†Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	2,258,548	1.41	1,774,554	\$ 9 90	\$ 17,568,084	\$13 95	\$ 7 35	\$9,250,328	\$8,317,756	.....
1861.....	1,258,548	1.41	1,774,554	9 90	17,568,084	13 95	7 55	9,250,328	8,317,756	.....
1862.....	1,348,724	2.7	2,292,831	8 00	18,342,648	13 60	7 35	9,913,121	8,429,527	.....
1863.....	1,161,707	1.5	1,742,552	11 50	20,039,348	17 25	7 35	8,538,546	11,500,802	.....
1864.....	1,444,483	1.5	2,166,725	15 33	33,215,894	23 00	7 35	10,616,950	22,598,944	.....
1865.....	1,733,380	1.5	2,600,070	9 30	24,180,651	13 95	7 35	12,740,343	11,440,308	.....
1866.....	1,591,880	1.47	2,340,063	9 27	21,692,348	13 62	7 35	11,700,318	9,993,066	.....
1867.....	1,778,000	1.5	2,667,000	9 73	25,949,910	14 59	7 35	13,068,300	13,881,610	.....
1868.....	1,905,000	1.4	2,667,000	10 00	26,670,000	14 00	7 35	14,001,750	12,668,250	.....
1869.....	1,761,006	1.59	2,800,000	9 87	27,636,000	15 69	7 35	12,943,394	14,692,606	.....
1870.....	1,605,932	1.18	1,895,000	10 77	20,352,310	12 67	7 35	11,803,600	8,548,700	.....
1871.....	1,403,053	1.31	1,838,000	10 05	18,471,900	13 16	7 35	10,312,439	8,159,461	.....
1872.....	1,428,888	1.35	1,929,000	9 47	18,267,630	12 78	7 35	10,502,327	7,765,303	.....
1873.....	1,890,000	1.25	2,350,000	8 75	20,562,500	10 93	7 35	13,818,900	6,744,500	.....
1874.....	1,890,417	1.2	2,232,500	10 49	23,418,925	12 58	7 35	13,674,064	9,744,861	.....
1875.....	2,226,277	1.37	3,050,000	9 73	29,676,500	13 33	7 35	16,363,136	7,016,864	.....
1876.....	2,500,000	1.40	3,500,000	6 68	23,380,000	9 35	7 35	18,375,000	5,005,000	.....
1877.....	2,443,360	1.65	4,044,967	5 43	21,971,368	9 99	7 35	17,958,696	4,012,672	.....
1878.....	2,368,854	1.45	4,255,471	4 70	19,994,341	8 44	7 35	17,411,077	2,583,164	.....
1879.....	2,161,760	1.20	2,578,730	6 37	16,428,012	7 60	7 35	15,888,936	539,076	.....
1880.....	2,259,857	1.5	3,486,584	6 50	22,589,691	9 75	7 35	16,707,706	5,912,985	.....
1881.....	2,384,366	1.5	3,484,222	6 95	24,184,087	10 42	7 35	17,517,470	6,666,617	.....
1882.....	2,629,333	1.75	4,399,186	7 75	34,006,164	13 56	7 35	19,390,712	14,615,456	.....
1883.....	2,945,482	1.75	5,064,400	6 15	30,990,271	10 76	7 35	21,694,095	9,296,179	.....
1884.....	3,004,342	1.64	4,940,506	5 47	27,055,086	9 00	7 35	22,093,713	4,961,364	.....
1885.....	3,197,688	1.33	4,197,226	6 05	25,347,809	7 96	7 30	23,320,211	2,027,591	.....
1886.....	3,393,961	1.45	4,944,810	5 90	29,465,173	8 53	7 15	24,752,971	6,192,328	.....
1887.....	3,316,016	.78	2,581,539	8 70	22,468,692	6 77	7 30	24,149,983	1,691,201	.....
1888.....	3,043,723	1.41	4,423,162	6 70	29,548,129	9 71	6 85	20,904,275	8,643,854	.....

†1860-1881 estimated same as reported for 1880.

The area, yield and value of the hay crop of 1888 for each county in the State, is given in a table published elsewhere in this report.

FLAX SEED.

There was but little over half as much flax sown this season as last, the area being but 6,181 acres.

The price obtained per bushel, \$1.10, is very near the average price for a term of years. The total value of the flax crop of 1888 was \$54,394.

The following table gives the area, yield and value of the last ten crops of flax grown in the State:

Year.	Number of acres.	Average yield per acre.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1879.....	110,016	9 00	990,447	\$1 30	\$1,296,753	\$11 78	.....	.....	.....	.....
1880.....	171,985	9 06	1,557,898	1 00	1,579,634	9 19	\$9 45	\$1,565,715	\$13,919	.....
1881.....	116,776	9 17	1,071,339	1 02	1,099,017	9 41	9 45	1,045,504	53,513	.....
1882.....	93,240	8 84	824,820	1 10	911,706	9 78	8 90	830,970	80,736	.....
1883.....	29,338	9 31	273,286	1 09	300,208	10 22	8 65	258,726	41,292	.....
1884.....	31,019	8 79	272,845	1 15	314,416	10 14	8 73	270,825	42,519	.....
1885.....	21,744	9 90	198,823	1 09	216,093	9 94	8 95	195,732	21,361	.....
1886.....	13,231	8 90	117,593	0 95	111,957	8 46	9 10	120,399	.....	\$8,442
1887.....	10,184	8 00	81,472	1 00	81,472	8 00	8 85	90,234	.....	8,762
1888.....	6,181	8 00	49,448	1 10	54,394	8 80	8 00	49,609	4,785	.....

CORN.

The average condition of corn throughout the State is better than it has been at corresponding date since 1879, when the average yield per acre was 38 bushels.

The rains this season have been favorable for corn, which has made good growth, and reports from all sections of the State report an unusually large number of ears to the stalk.

Corn at this date is well matured, and unless very early frosts occur, the crop will be almost unprecedentedly large.

The prospect is favorable for 99 per cent. of an average yield per acre in the Northern Division of the State, for 106 per cent. in the Central Division and 100 per cent. of an average yield per acre in the Southern Division.

There will be an average or better yield per acre in the following Northern counties, viz: Bureau, 103; DeKalb, 107; Grundy, 107; Henderson, 100; Henry and Iroquois, 103; Kankakee, 107; Kendall, 100; Knox, 106; Lee, 104; McHenry, 100; Mercer, 108; Peoria, 112; Rock Island, 101; Stark and Warren, 105; Will, 101.

An average or better yield per acre may be expected in all the counties in Central Illinois except those named below, where the August 1 condition is as noted: Calhoun, 95; Coles 93; Macoupin, 87; Moultrie, 97.

The prospect is encouraging for an average or better yield per acre in the following Southern counties: Alexander, 110; Bond, 119; Clay, 105; Crawford, 101; Edwards, 100; Effingham, 105; Fayette, 110; Franklin, 100; Gallatin, 105; Hamilton, 103; Hardin, 110; Jasper, 110; Lawrence, 103; Madison, 113; Pulaski, 100; Richland, 112; Saine, 115; St. Clair, 110; Union, 100; Washington, 101; Williamson, 103.

The area of the growing crop of corn of 7,063,916 acres, is 344,790 acres larger than last season. The area of the 1888 crop is larger than that of 1887 by ten thousand acres or over in the following counties, viz: Bureau, 10,370 acres; DeKalb, 11,684; Douglas, 25,788; Henry, 10,405; Knox, 10,165; Lee, 24,767; Mason, 19,034; McDonough, 22,847; Moultrie, 17,495; Ogle, 17,779; Piatt, 14,808; Rock Island, 24,802; Tazewell, 12,073.

In a table published elsewhere in this report, the area of corn in 1887 and 1888, and the

increase or decrease for the current year, together with the August 1 condition of the crop for a term of years is given by counties.

BROOM CORN.

The August 1 condition of broom corn gives encouragement for an average or better yield per acre in the following counties: Alexander, McHenry and Montgomery, 110; Bond, Brown, Champaign, Clark, DeWitt, Douglas, Effingham, Fayette, Franklin, Fulton, Hamilton, Hardin, Iroquois, Knox, Macon, Macoupin, Madison, Moultrie, Ogle, Piatt, Pope, Pulaski, Richland, Schuyler, Shelby, Stark, Stephenson and Woodford, 100; Cass and Henry, 102; Cumberland, 120; DeKalb, Jasper, Marion, Mason, Warren and Williamson, 105.

In the other counties in the State where broom corn is raised, there will be from 75 per cent. to an average yield per acre.

SORGHUM.

The prospect is favorable for an average or better yield of sorghum per acre in the following counties: Alexander, Brown, Cass, Champaign, Cook, DeKalb, Fulton, Grundy, Jackson, Jefferson, Jersey, Knox, LaSalle, Macon, Macoupin, Mason, Merter, Moultrie, Piatt, Pike, Pope, Pulaski, Richland, Saline, Stark, Stephenson, Vermilion, Williamson and Woodford, 100; Effingham and Warren, 101; Clay, DeWitt, Edwards, Hamilton and Montgomery, 102; Clark, Fayette and Randolph, 103; Bond, 104; McLean, 105; Shelby, 106; Henry, 110; Cumberland, 125.

COTTON.

The August 1 condition of cotton is encouraging for an average yield per acre in both the counties where it is raised, Pope and Williamson.

HEMP.

Ford and Greene counties report the area of hemp as large as in 1837, and the condition is up to an average for August 1.

PASTURES.

The area of pastures this year is 173,414 acres larger than last season.

There was an increase of over ten thousand acres in the following counties: Adams, 17,481 acres; Clay, 13,219; Cook, 11,682; Ford, 11,998; Iroquois, 31,201; Knox, 22,072; Lee, 32,286; McDonough, 25,112; Montgomery, 16,469; Moultrie, 10,075; Ogle, 23,361.

The total area devoted to pastures this season is 5,803,885 acres.

The August 1 condition of pastures is 96 per cent. of an average better than it has been at corresponding date since 1884.

Attention is invited to a table published elsewhere in this report, giving the area of pastures in each county in the State, as well as the August 1 condition for the last ten years.

IRISH POTATOES.

The prospect is encouraging for an average, or better, yield per acre of Irish potatoes in half the counties in the State.

A better than an average yield per acre may be anticipated in the counties named below: Adams, 105; Alexander, 107; Bond, 104; Carroll, 117; Christian, 107; Cumberland, 115; DeKalb, 102; Edwards, 105; Fayette, 103; Fulton, 106; Gallatin, 102; Greene, 106; Hamilton, 115; Hancock, 110; Hardin, 110; Henry, 105; Jackson, 107; Johnson, 105; Knox, 109; Lee and Logan, 105; Mason, 102; Mercer, 108; Morgan, 106; Peoria, 105; Randolph, 108; Rock Island, 103; Scott, 105; Shelby, 119; Stark, 102; St. Clair, 110; Tazewell, 105; Warren, 104; Washington, 102.

The most discouraging report on this crop comes Franklin county, where only half an average yield per acre is anticipated.

SWEET POTATOES.

In all except the counties named the prospect is encouraging for an average, or better, yield per acre of sweet potatoes: Adams and Alexander, 90; Bond, 99; Brown, 90; Bureau, 85; Calhoun, 80; Cass, 93; Christian, 94; Clark, 92; Clinton, 75; Coles, 92; Crawford, 94; Edwards, 90; Effingham, 94; Franklin, 85; Gallatin, 99; Henderson, 95; Iroquois, 97; Jackson, 90; Jefferson, 89; Kankakee, 92; Kendall, 90; Knox, 95; Lawrence, 93; Livingston, 85; Logan, 97; Macoupin, 92; Marion, 95; Mason, 77; Massac, 97; Menard, 92; Morgan, 95; Peoria, 75; Perry, 97; Piatt, 95; Pulaski, 92; Putnam, 90; Richland, 95; Sangamon, 92; Union, 80; Washington, 95; White, 94; Williamson, 97.

TURNIPS.

An increased area of turnips and other root crops is reported from all except the following counties, viz: Bond, 95; Bureau, 97; Calhoun, 70; Crawford, 88; Fulton, 94; Gallatin, 97; Greene, 87; Jasper, 98; Jefferson, 86; Kane, 87; Livingston, 85; Logan, 97; Macoupin, 92; Marion, 95; Marshall, 77; Mason, 97; Menard, 92; Morgan, 95; Peoria, 75; Perry, 97; Piatt, 95; Pulaski, 92; Putnam, 90; Richland, 95; Sangamon, 92; Union, 80; Washington, 95; White, 94; Williamson, 97.

There will be a better than an average yield per acre in the counties named below: Christian, 110; Cumberland, 120; DeKalb, 105; Fulton, 102; Knox, 112; LaSalle, 108; Logan and Macon, 110; Sangamon, 105; Shelby, 101; Stark, 105; Warren, 103.

TOBACCO.

The August 1 condition of tobacco is encouraging for an average, or better, yield per acre as noted: Alexander, 102; Bond, 115; Clay, Cook, Cumberland, Douglas, DuPage, 100; Edgar, 105; Fulton and Greene, 100; Hamilton, 107; Henry, Jackson, Jasper, Jefferson and Madison, 100; Marion, 107; Massac, 100; Perry, 105; Piatt, Pope and Pulaski, 100; Randolph, 120; Stephenson, 100; Warren, 110; Washington, Williamson and Winnebago, 100.

CASTOR BEANS.

Castor beans are raised in but one-fourth of the counties in the State. The August 1 condition is encouraging for an average yield per acre in Christian, Clark, DuPage, Edwards, Greene, Hamilton, Henry, Madison, Marion, Massac, Pulaski, Will and Williamson counties.

In the other counties where attention is paid to this crop there will be upwards of three-fourths of an average yield per acre.

BUCKWHEAT.

In the following counties there is an increase in the area devoted to this crop as noted: Carroll and Clark, 110; Clay, 102; Crawford, 150; DeKalb, 108; Gallatin, 105; Kankakee, 110; Lake and Lawrence, 105; Macoupin, 125; Perry, 150; Richland, 212; Wabash and Wayne, 125; White, 137.

The condition indicates an average, or better, yield per acre in all the counties except those noted below: Bureau, 87; Clark, 82; Clay, 95; Coles, 85; DeKalb, 92; Effingham, 94; Fayette, 95; Gallatin, 80; Greene, 95; Henderson, 70; Jefferson, 77; Lawrence, 95; Livingston, 95; Macoupin, 92; Marshall, 75; Mercer, 95; Wayne and White, 90; Williamson, 87.

FIELD PEAS.

This crop is up to an average condition in most of the counties where it is raised. The condition is as noted in the counties where it is below an average: Alexander, 90; Calhoun, 50; Cumberland, 90; Franklin, 76; Hamilton, 98; Jefferson, 98; Johnson, 90; Livingston, 60; Marshall, 70; Perry, 93; Pulaski, 97; Washington, 95; Will, 82; Winnebago, 95.

FIELD BEANS.

Some attention is paid to this crop in most of the counties of the State. The August 1 condition is good, being up to, or above, an average in all except the counties named: Alexander, 95; Brown, 80; Calhoun, 80; Clinton, 90; Douglas, 80; Fayette, 95; Greene, 75; Hamilton, 87; Jefferson, 95; Lawrence, 95; Livingston, 65; Logan, 95; Macoupin, 85; Marshall, 75; Mason, 92; Perry, 95; Washington, 92; Whiteside, 70; Will, 92; Woodford, 90.

APPLES.

In comparatively few counties are apples up to a seasonable average in condition. The condition of apples is up to or above an average in the following counties: Alexander, 100; Cass, 112; Cumberland, 102; DeWitt, 109; Douglas, 107; Edwards, 100; Fulton, 104; Greene, 100; Hardin, 100; Knox, 106; Macon, 103; Macoupin, 104; Massac, McDonough and McHenry, 100; Menard, 112; Piatt, Pope, Pulaski and Saline, 100; Schuyler, 112; Whiteside, 100.

Not over three-fourths of an average crop will be obtained from the other counties in the State.

PEACHES.

The August 1 condition of peaches is up to, or above, an average in the following counties, viz: Alexander, 101; Bond, 121; Christian, 102; Clark, 107; Clay, 103; Douglas, 113; Edwards, 105; Effingham, 101; Hamilton, 101; Hardin, 110; Lawrence, 100; Marion, 106; Massac, 100; Montgomery, 101; Pope, Richland and Saline, 100; Shelby and Williamson, 103.

PEARS.

There will be less than three-fourths of an average yield of pears in the counties named: Calhoun, 50; Christian, 69; Cook, 50; DeKalb, 25; DuPage, 50; Hancock, 50; Iroquois, 70; Jasper, 73; Marshall, 70; Wabash, 72; Warren, 60; Will, 25; Winnebago, 50; Woodford, 15.

In the remaining counties in the State there will be upwards of three-fourths of an average yield.

PLUMS.

The August 1 condition is encouraging for an average, or better, yield of plums in the following counties: Adams, Alexander, Champaign, Clark, Clay, Clinton, Franklin, Fulton, Jackson, Johnson, Knox, Massac, Montgomery, Ogle, Piatt, Pike, Pope, Randolph, Richland, Saline, Sangamon, St. Clair, Tazewell, Union, Wayne and Williamson, 100; Greene, 103; Morgan, Wabash and Washington, 104; Jefferson, Vermilion and White, 105; Cumberland, 107; Bond, Marion and Scott, 110; Edwards, 115.

In the remaining counties in the State there will be less than an average crop of plums.

GRAPES.

In the counties named below there will be an average, or better, crop of grapes, viz: Alexander, Boone, Champaign, Clinton, Edwards, Kane, Massac, McDonough, McHenry, Moultrie, Ogle, Piatt, Pope, Saline, Scott, Stark, Stephenson and Tazewell, 100; Fulton, 101; Bureau and Lee, 102; Douglas, Pulaski, Rock Island and Vermilion, 103; DeWitt, Grundy, Mercer and Randolph, 105; Henry, 107; Ford, 110; Montgomery, 111; Peoria, 117.

There will be less than three-fourths of an average yield of grapes in the counties named below: Calhoun, 50 per cent.; Clark, 67, Clay, 71; DuPage, 66; Effingham, 71; Fayette, 60; Hamilton, 74; Hancock, 65; Johnson, 40; Madison, 66; Marion, 59; St. Clair, 50; Union, 70; Wayne, 62; White, 71.

BLACKBERRIES.

The yield of blackberries the past season was up to an average only in the counties named: Clinton, 100; DeWitt, 103; Fulton, 106; Henry, 103; Iroquois and Kane, 100; Knox, 111; McDonough, 100; McLean, 102; Ogle, 100; Peoria, 107; Pope and Rock Island, 100; Sangamon, 103; Schuyler, 110; St. Clair, Tazewell and Union, 100; Warren, 101; Whiteside, 100.

In the other counties in the State the blackberry crop was not so large as usual.

QUINCES.

The August 1 condition of quinces is encouraging for an average yield in the following counties: Bond, Champaign, Cumberland, Edgar, Hancock, Hardin, Lawrence, Madison, Marion, Massac, Montgomery, Piatt, Pope, Randolph and Wayne. In the remaining counties where quinces are grown, the following yields may be expected: Alexander, 95 per cent; Brown, 80; Christian, 62; Clark, 90; Clay, 50; Clinton, 65; Coles, 75; Crawford, 92; Edwards, 90; Effingham, 72; Fayette, 92; Gallatin, 80; Hamilton and Jackson, 90; Jasper, 87; Jefferson, 75; Jersey, 60; Morgan, 70; Perry, 90; Pike, 50; Pulaski, 87; Vermilion, 72; Wabash, 80; Washington, 85; White, 50; Williamson, 77.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a

fair average vitality or growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The observers of this Department are, as a rule, farmers of extended experience and practical judgment, representative men of public spirit and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. • The estimates of the correspondents of this Department during the past twelve years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

Secretary.

CORRESPONDENTS' REMARKS.

ADAMS—The growing corn is in splendid condition and promises a full average yield per acre. The yield of winter wheat per acre will average twenty-two bushels; rye eighteen bushels and oats thirty-five bushels. Oats were badly lodged and were harvested with difficulty. The quality is very good. The quality of hay is unusually good and the yield will average about one and one-third tons per acre. Sorghum is making fine growth. Pastures are poor; there is little or no clover and the weeds have nearly killed the grass. There is a fair prospect for apples, pears, plums and grapes. There are very few peaches; the peach orchards of this county were entirely destroyed by the severe winter of 1885-6. Irish and sweet potatoes will make an average yield per acre. Farm animals are in fine condition and health.

ALEXANDER—The prospect for corn is encouraging for better than an average yield per acre. Chinch-bugs have done some damage but are not so numerous as on July 1. Winter wheat will yield about twenty-five bushels per acre. Broom corn and sorghum cane are doing well. Tobacco has made large and vigorous growth during the past month. Oats were somewhat damaged by lodging; the yield will average forty-five bushels per acre. The quality of hay is only fair; the yield will average about one and three-fourths tons. Irish and sweet potatoes have made splendid growth. Buckwheat is doing well. Turnips and other root crops are making fine growth. The prospect is good for a large yield of apples, peaches, pears and grapes. Farm animals are in good health and condition.

BOND—Corn never looked more promising than at this time. With the exception of a few fields adjacent to wheat where the chinch-bug has done some damage to the growing crop, the general condition is good for a larger yield per acre than an average. Not more than one-third of the area seeded to wheat last fall was left standing for harvest and the yield will not exceed seven bushels per acre. Oats will yield about thirty-three bushels per acre. Broom corn and sorghum cane are in splendid condition.

Tobacco has made strong and vigorous growth during the past month. Meadows will yield about one and one-fourth tons per acre. Pastures are doing well. Castor beans have made fine growth. Buckwheat is in splendid condition. There is a fair prospect for apples, peaches, pears and grapes.

BOONE—Corn is at a stand-still for want of rain; many fields are uneven, and have not made the usual growth for August 1. Winter wheat will yield about twenty bushels; rye twenty-two; spring wheat seventeen; barley twenty-five and oats thirty-nine bushels per acre. Meadows will yield about one and one half tons of good hay per acre. Pasturage is short and needs rain badly. Buckwheat is making splendid growth. Irish and sweet potatoes have not done well. There will be about one-half an average crop of apples; grapes promise a larger yield than usual. Farm animals are in fine condition and health.

BROWN—Corn is in better condition than usual for August 1, although much of the area planted did not receive the usual cultivation owing to the continued rains. Winter wheat will yield about seventeen bushels; rye fifteen; spring wheat twenty, and oats thirty bushels per acre. Meadows will yield about one and three-fourths tons per acre. Pastures are in fair condition. Broom corn and sorghum cane are making excellent growth. Tobacco is not in as good condition as usual for August 1. Castor beans are doing well. Irish and sweet potatoes are backward. Turnips and other fruit crops are doing well. There is a fair prospect for apples, pears, plums and grapes. Farm animals are in good condition and health.

BUREAU—Corn is making rapid and vigorous growth and the prospect is good for more than an average yield per acre. Winter wheat will yield about eighteen bushels; rye twenty-two; spring wheat twenty; barley twenty, add oats sixty-five bushels per acre. Meadows yielded an average of one and two-thirds tons of good hay per acre. Sorghum

cane is making fair growth. Pastures are in good condition. Irish and sweet potatoes are making excellent growth. Buckwheat looks well. There is a fair prospect for apples and grapes. Blackberries are yielding nearly an average crop. Farm animals are in fine condition and health.

CALHOUN—Corn was never in better condition on August 1. The prospect is encouraging for an average, or better, yield per acre. Winter wheat will yield twenty bushels; rye thirty-five; spring wheat twenty, and oats forty bushels per acre. Meadows yielded about one ton of hay per acre. Pasture is short and is weedy. Irish and sweet potatoes are making fair growth. Tobacco has not made the usual growth for August 1. Very little buckwheat sown this season. Turnips and other root crops are backward. There is a fair prospect for apples, pears, plums and grapes; peaches are scarce. Farm animals are in good condition and health.

CARROLL—The condition of corn has greatly improved during the past month. The early planting is in the silk; the growth is very large and the prospect is good for about an average yield per acre. Winter wheat will make about an average yield per acre. Meadows will make an average of one and three-fourths tons per acre of good hay. Pasture is hardly up to the average in condition for August 1. Tobacco has not done well. Irish and sweet potatoes have made fine growth. Buckwheat covers about the same area as last season and is doing well. Turnips and other root crops are in splendid growing condition. There will be an abundance of apples, plums and grapes.

CASS—The prospect for a larger yield per acre than an average of corn was never better than this season. The growth has been rapid and vigorous and the crop well cultivated. Winter wheat will yield about twenty bushels; rye seventeen, and oats thirty-three bushels per acre. Meadows will yield about one and one-half tons per acre. Broom corn and sorghum cane have made splendid growth during the past month. Pasture is in fine condition. Irish and sweet potatoes are making fine growth. Turnips and other root crops are looking well. Field beans are in fine condition. There is more apples than for several years past and a fair crop of plums and grapes. Farm animals are doing well.

CHAMPAIGN—The growing corn crop is in fair condition; the stand good; the growth uniform, and the ground unusually free from weeds. The prospect is good for a better yield per acre than an average. Winter wheat yielded about fourteen bushels; rye seventeen, and oats thirty-eight bushels per acre. Meadows yielded about one and one-half tons per acre of very fair hay. Broom corn and sorghum cane have made splendid growth. Irish and sweet potatoes are doing well. Turnips and other root crops are in fine condition. There has been great improvement in pasture since July 1. Apples, pears, plums and grapes are yielding well. Farm animals are in good health and condition.

CHRISTIAN—The prospect is encouraging for a much better yield per acre of corn than an average. Winter wheat will yield about

seventeen bushels; rye, twenty-one; spring wheat fourteen; barley, thirty, and oats thirty-four bushels per acre. The hay crop is very fair. Timothy will average about one and three-fourth tons per acre. Broom corn and sorghum cane are making fair growth. Castor beans are in fair condition. Pastures are doing well when not overstocked. Irish and sweet potatoes were never in better condition on August 1, than this season. Buckwheat is doing well. Turnips and other root crops are making rapid growth. Farm animals are in good health and condition.

CLARK—Corn is in better condition than usual for August 1. In some localities the chinch-bug has done some damage, but with plenty of rain they cannot effect the growing corn seriously. Winter wheat will yield about six bushels per acre. Not more than one-fourth of the area seeded to wheat last fall was permitted to stand for harvest. Rye will yield about twelve bushels and oats twenty-eight bushels per acre. Meadows were short and the yield will not exceed one ton of hay per acre. Pastures are in poor condition. Broom corn and sorghum cane are doing well. Tobacco has made fair growth. Castor beans are in good condition. Irish and sweet potatoes are growing nicely. The fruit crop is better than for several years past. Farm animals are in good condition.

CLAY—The condition of corn has seldom been better on August 1, than this season. The stand is good and the season has been remarkably favorable for the rapid, vigorous growth of corn. Winter wheat was but a little better than a failure, the average yield per acre will not exceed four bushels; rye eight; and oats twenty-four bushels per acre. The hay crop is poor, in both quality and yield. The average will not be over a half ton per acre. Broom corn and sorghum corn have made very fair growth. Tobacco is looking well. Castor beans are in fine condition. Pastures, when not overstocked, are doing well. Field beans and peas are making fine growth. The fruit prospect is good; apples, peaches, pears, plums and grapes in abundance.

CLINTON—The condition of corn is not up to the average for August 1. Chinch-bugs have done great damage to the corn adjacent to wheat fields. The yield of winter wheat will not exceed five bushels per acre; the quality is not good. Oats will make about twenty-seven bushels per acre. There has been very little threshing done to date. Meadows will average about one and one-half tons of good hay per acre. Broom corn is not up to the usual August 1 condition. Castor beans have made fair growth. Pastures are doing well. Irish and sweet potatoes promise a full average yield per acre. Field beans will make a fair yield. There is a better prospect for apples, peaches, pears, plums and grapes than for several years past.

COLES—The condition of corn has been injured by the recent continued rains; the prospect is hardly good for an average yield per acre. Winter wheat will not average more than seven bushels per acre. The grain is not up to the average in quality. Oats were harvested with difficulty owing to lodging; the yield per acre will be about forty-five bushels. Broom corn and sorghum cane are making fair growth. Meadows yielded

about one and one-half tons of good hay per acre. Pasturage is not as good as usual for August 1, but is improving rapidly since the recent rains. Irish and sweet potatoes promise a large yield per acre. The fall fruit prospect was never better than this season.

COOK—Corn is a little backward in growth but is improving rapidly at this time. Winter wheat will yield about thirty bushels; rye twenty-five; spring wheat seventeen; barley twenty-five, and oats forty bushels per acre. Sorghum cane is doing well. Meadows will yield one and one-fourth tons of good hay per acre. Tobacco has made excellent growth during the past month. Pasturage is in fair condition. Irish and sweet potatoes are making good growth. Buckwheat looks well; the area seeded is about the same as last season. There are some apples, pears and grapes, but little other fruit. Farm animals are in good health and condition.

CRAWFORD—The general condition of the growing corn is better than an average for August 1. Some fields adjacent to wheat fields have been injured by the chinch-bug. Winter wheat and rye will not yield and average of more than eight bushels per acre. Oats were somewhat affected by the rust, and the yield will not exceed twenty-four bushels. Sorghum cane is not up to the usual condition for August 1. Meadows yielded about one and one-third tons of hay per acre. Pastures are in fair condition. Tobacco has made the usual growth for August 1. Irish and Sweet potatoes promise an average yield per acre. There is a large increase in the area seeded to buckwheat, and the condition of the growing crop is good. The fruit yield is better than for several years past. Farm animals are in good health and condition.

CUMBERLAND—During the past month corn has made remarkable growth and promises a much larger yield per acre than an average. Broom corn and sorghum cane are doing well. Winter wheat will yield about five bushels, rye ten bushels and oats fifty-seven bushels per acre. The oat yield is possibly the largest ever raised in the county. Meadows yielded about one and one-half tons of very fine hay per acre. Tobacco has made splendid growth. Pastures where not overstocked are in fair average condition for August 1. Irish and sweet potatoes promise a large yield per acre. The area seeded to buckwheat is about the same as last season and the condition of the growing crop is good. Turnips and other root crops are in fine growing condition. The fruit yield is better than for several years past. There is an abundance of apples, peaches, pears and grapes. The health and condition of live stock is good.

DEKALB—The condition of corn is above the average for August 1. The stand is even, color good and the crop generally has been well cultivated. The yield of winter wheat will be about twenty bushels; rye twenty-seven; spring wheat fifteen; barley thirty and oats fifty bushels. There has been very little threshing done to date. Broom corn and sorghum cane are doing well. Irish and sweet potatoes promise a large yield per acre. The area seeded to buckwheat is larger than that of last season and the crop is making splendid growth. Turnips and other root

crops are in fine growing condition. Field beans and peas promise a fair yield. Meadows yielded about two tons of excellent hay per acre. The frequent rains during the past month have kept grass growing and pastures are better than average condition for August 1. There is about one-third of an apple crop. And but few pears and peaches. Grapes will yield well. The health and condition of live stock is good.

DEWITT—The prospect for corn has seldom been better on August 1 than this season. Winter wheat yielded about twenty bushels; rye twenty-two; spring wheat eighteen; barley eight and oats thirty-six bushels per acre. Broom corn and sorghum cane have made splendid growth during the past month. Meadows yielded about one and two-thirds tons of excellent hay per acre. Pasturage has seldom been better on August 1. Irish and sweet potatoes promise a large yield per acre. The area seed to buckwheat is not quite as large as that of last season, but the condition of the crop is good. Turnips and other root crops are doing well. There is a fair yield of apples, pears, plums and grapes. Live stock is in good condition and free from disease. There are fewer hogs in the county than usual.

DOUGLAS—The stand of corn is good and the crop has been well cultivated; the season has been very favorable for the rapid and vigorous growth. The prospect is encouraging for a better yield than an average per acre. Winter wheat was badly winter-killed and a large per cent. of the area seeded last fall was plowed and seeded to other crops. The average yield per acre of winter wheat is about nine bushels; rye fourteen bushels, and oats forty-six bushels. The latter crop was badly lodged and was harvested with considerable difficulty and increased expense. Broom corn and sorghum cane are doing well. Meadows yielded about one and one-half tons per acre and the quality of the hay is very good. Pastures did not do well during the early part of the season, but since the rains of the past month the condition of grass has very much improved. Tobacco has made remarkable growth, and promises an average yield per acre. Irish and sweet potatoes are doing well. Turnips and other root crops and field beans are in fine growing condition. There will be a large yield of apples, peaches and grapes; a few pears and plums. With the exception of a mild distemper among colts, farm animals are in good health and condition.

DUPAGE—Corn is in fair condition and promises nearly an average yield per acre. The chinch-bug is doing some damage in fields adjacent to wheat. Little or no winter wheat raised in this county. The average yield of winter rye is thirty bushels; spring wheat eighteen bushels; barley forty bushels and oats forty-five bushels. The quality of the latter crop was never better. But little threshing has been done to date. Broom corn has made splendid growth during the past month. Tobacco and castor beans are in fine growing condition. Meadows yielded about one and one-half tons per acre of very good hay. Pastures where not overstocked are in good condition. Irish potatoes have made fair growth. The area seeded to buckwheat is not as large as last season, but the condition of the crop is good. Turnips and other root crops are doing well. The fruit yield is light. There are few apples, pears

and plums and about two-thirds of an average crop of grapes. The condition and health of farm animals is good.

EDGAR—The prospect for a larger yield of corn per acre than an average was never better than this season. Winter wheat yielded about eight bushels; rye ten bushels; spring wheat ten bushels and oats forty-six bushels per acre. The quality of winter wheat is below the average. Oats are heavy and above the average in quality. Meadows yielded about one and one-fourth tons of hay per acre. Pastures are needing rain and are a little short of the average condition for August 1. Broom corn and sorghum cane have made very fair growth during the past month. Irish and sweet potatoes are doing well. Buckwheat has about the same area as last season and the condition of the growing crop is good. Turnips and other root crops are making splendid growth. The apple crop is large and very fine in quality. There is a fair crop of peaches, pears, plums and grapes.

EDWARDS—In some localities corn is suffering from the drouth and chinch-bug; but the general condition of the crop is good and an average yield per acre may be expected. The average yield of winter wheat of wheat is less than five bushels per acre, and the quality of the grain is very poor. Oats will average about twenty-two bushels per acre; hay three-fourths of a ton per acre. The condition of pastures is very good. Broom corn and sorghum cane are doing well. Tobacco is in fine condition and promises a larger yield per acre than an average. Castor beans have made splendid growth. Irish and sweet potatoes have made the usual growth for August 1. The area seeded to buckwheat is about the same as last season, and the condition of the growing crop is good. A much larger area of turnips and other root crops have been seeded than usual. Field beans and peas are in fine condition. The prospect is good for a large yield of peaches, apples and grapes.

EFFINGHAM—Corn is in excellent condition, and with one more good rain the crop will be assured. With the increased area and the favorable season the present corn crop will be the largest ever raised in the county. The average yield of wheat is six bushels; rye seven, and oats twenty bushels per acre. Oats did not do well, owing to the drouth and unfavorable spring. Broom corn and sorghum cane are making excellent growth. Meadows yielded about one ton of hay per acre. Pastures are in good condition. Tobacco is looking well, but is not quite up to the average condition for August 1. Irish and sweet potatoes promise an average yield per acre. The area seeded to buckwheat is about the same as last season, and the condition of the crop is good. Field beans and peas are doing well. There is a fair crop of apples, pears, plums and grapes and more peaches than for several years past. The condition and health of farm animals is good.

FAYETTE—There never was a better prospect for a large yield of corn per acre than this season. Some fields were not cultivated as well as usual, owing to the frequent rains. The chinch-bug is working fields adjacent to wheat. The average yield of wheat is less than five bushels; rye seven, and oats twenty-

seven bushels per acre. The quality of the grain is not up to the average. Broom corn and sorghum cane have made splendid growth during the past month. Tobacco is backward and does not promise more than three-fourths of an average yield per acre. Irish and sweet potatoes are doing well. The area seeded to buckwheat is not as large as that of last season; the growing crop is in fair condition. Field beans and peas have made the usual growth for August 1. There is about half a crop of apples, and a fair crop of pears, plums and grapes. Farm animals are in good health and condition.

FORD—Corn is fully up to the average in condition for August 1. The average yield of winter wheat is twelve bushels; spring wheat eighteen, and oats fifty bushels per acre. Meadows yielded about one and one-fourth tons per acre of very good hay. Pasture was never better at this season of the year. The frequent rains have kept grass growing finely. The acreage of hemp is about the same as last season and the condition of the crop is good. Irish potatoes promise a large yield per acre. There is a fair crop of apples and grapes. Farm animals are in good health and condition.

FRANKLIN—The condition of corn is fully up to the average for August 1. Broom corn and sorghum cane have made splendid growth. There has been no threshing of winter wheat to date, but the yield will be about ten bushels per acre. Oats will yield about forty bushels per acre. The hay crop is nearly a failure. The average yield per acre will not exceed one-half a ton. Tobacco has not made the usual growth for August 1, and will not yield more than half a crop. Pastures are in good condition. Irish and sweet potatoes are backward but are growing nicely. Turnips and other root crops are doing well. Field peas and beans have made the usual growth for August 1. The fruit crop was never better than this season. Farm animals are in good health and condition.

FULTON—The prospect for corn is good for more than an average yield per acre. Broom corn and sorghum cane have made splendid growth during the past month. The average yield of winter wheat is twenty-one bushels; rye twenty bushels; spring wheat twelve bushels; oats forty-six bushels per acre. The latter crop was badly lodged and was harvested in poor order. Meadows yielded about one and one-half tons of very good hay per acre. Pastures are in better condition than usual for August 1. Tobacco has made excellent growth and a large yield per acre may be expected. Irish and sweet potatoes are doing well. Turnips and other root crops have made the usual growth for August 1. The area seeded to buckwheat is about one-fourth less than that of last season; the condition of the crop is good. There is a large yield of apples, pears, plums and grapes. Live stock is in good condition and health.

GALLATIN—The condition of corn was never better on August 1 than this season. The chinch-bug has damaged it some, where it was near wheat, but the recent rains have stopped further damage. The yield of wheat thus far has been above the average. A great many crops of wheat have been threshed, and averaged over thirty bushels

per acre. Oats will average about thirty-seven bushels per acre, and the quality is very good. Sorghum cane is doing well. Meadows yielded about one and three-fourths tons of good hay per acre. The condition of pastures is good. Irish and sweet potatoes are in fine condition. Turnips and other root crops are doing well. The area seeded to buckwheat is about as large as last season, and the condition of the crop is good. The condition of fruit is very good, but the yield will not be as large as last season. Live stock is in good condition and health.

GREENE—The prospect for a larger yield than an average of corn is good. The average yield of winter wheat is twenty-two bushels; rye fifteen, and oats forty-one bushels per acre. The quality of the grain is fully up to the average. Meadows yielded about two tons of good hay per acre. Pasture is as good as ever seen at this season of the year. Broom corn and sorghum cane are making the usual growth for August 1. Hemp and tobacco have done well. Irish and sweet potatoes promise a larger than an average yield per acre. The area seeded to buckwheat is about the same as last season, and the condition of the growing crop is good. The usual area has been seeded to turnips and other root crops. Field beans and peas promise a large yield. The fruit crop is better than for several years past. The health and condition of farm animals is good.

GRUNDY—The condition of corn was never better on August 1 than this season. Winter wheat will yield about twenty-five bushels per acre. The quality of the grain is not good. The present oat crop is possibly the heaviest ever grown in the county. The average yield per acre is estimated at about sixty bushels. Meadows yielded about one and a half tons of good hay per acre. Pastures are in fair condition where not overstocked. Irish and sweet potatoes have made the usual growth for August 1. The usual area has been seeded to turnips and other root crops. There is about a half a crop of apples and a very fair crop of grapes. The health and condition of farm animals is good.

HAMILTON—The condition of corn is very good and with one more good rain the crop will be assured. Fields adjacent to wheat are being worked by the chinch-bug, but no serious damage done. About two-thirds of the area seeded to winter wheat was plowed up and planted to other crops. The average yield of wheat is about seven bushels; rye eight bushels, and oats twenty-eight bushels per acre. The quality of oats is very inferior. Meadows yielded about one ton per acre of very poor hay. Timothy meadows were greatly damaged by the army-worm. Pastures are in very good condition and are making great improvement since the recent rain. Broom corn and sorghum cane have made the usual growth for August 1. Tobacco and castor beans are doing well. Irish and sweet potatoes promise a larger yield per acre than an average. The usual area has been seeded to buckwheat and the growing crop is doing well. There is a fair crop of apples and peaches. Live stock is in good condition and health.

HANCOCK—The present prospect for a large yield of corn is the best in many years.

Winter wheat will average eighteen bushels; rye sixteen bushels, and oats thirty-seven bushels per acre. There has been very little grain threshed to date, owing to lodging. The quality of oats is not up to the average. Meadows yielded a ton and a half of good hay per acre. Sorghum cane has made very fair growth. Pasturage is in fair condition. Irish and sweet potatoes have made excellent growth and promise better than an average yield. Turnips and other root crops are doing well. There is a fair crop of apples, pears, plums and grapes, but a few peaches. Live stock are a little thin in flesh but in good health.

HARDIN—The condition of corn is considerably above the average for August 1. Winter wheat yielded sixteen bushels, and oats forty bushels per acre. The quality of the grain was never better than this season. Meadows yielded a ton and one-half of hay per acre. Broom corn and sorghum cane have done well. Tobacco is a little backward, but since the recent rain is growing rapidly. Irish and sweet potatoes have made the usual growth for August 1. The fruit crop is the heaviest of any for years past. Farm animals are in good condition and health.

HENDERSON—The prospect for a large yield per acre of corn is the most encouraging for ten years past, and with favorable conditions the crop will be the largest ever grown in the county. Winter wheat yielded twenty-three bushels; rye eleven; spring wheat fifteen and oats thirty-five bushels per acre. The quality of oats is not up to the average, owing to lodging. Sorghum cane is making fair growth. Pastures are in better condition than usual for August 1. Irish and sweet potatoes are a little backward but are growing rapidly. The usual area has been seeded to buckwheat and the growing crop is doing well. There is a fair crop of apples and grapes, but few pears and plums. The condition of farm animals is good.

HENRY—Since the recent rain the growing crop of corn has made great improvement. The prospect is more encouraging than any for several years past. Winter wheat will average seventeen bushels; rye twenty-one bushels; spring wheat eleven bushels; barley thirty-seven bushels and oats forty-seven bushels per acre. The latter crop was badly lodged and there was great difficulty in harvesting. The grain was damaged somewhat. Meadows yielded a ton and a half of good hay per acre. Pastures are in splendid condition. Tobacco and castor beans have made fine growth during the past month. Irish and sweet potatoes have done well. The usual area has been seeded to buckwheat and the growing crop is in fine condition. Turnips, field beans and peas are making splendid growth. Apples and grapes will make a large yield. There will be a few plums and pears. Farm animals are in good condition and are free from disease.

IROQUOIS—Corn is rather uneven, but since the recent rain the growing crop is improving rapidly. The prospect is encouraging for a better yield per acre than an average. Winter wheat will average about six bushels; rye eighteen bushels; spring wheat fifteen bushels and oats forty bushels per acre. The latter crop in some localities was badly lodged and the quality somewhat damaged. Meadows yielded a ton and a half of

very fair hay per acre. Broom corn and sorghum cane have made good growth during the past month. Pasturage is in fine condition. Irish and sweet potatoes are doing well. The usual area has been seeded to buckwheat and the condition of the growing crop is good. Turnips and other root crops are making fair growth. There will be more apples and peaches than for several years past. Live stock is in good condition and health.

JACKSON—The growing corn is in very fair condition, but is needing a good rain to check the ravages of the chinch-bug. Winter wheat will average about eleven bushels; oats thirty-seven bushels per acre. Meadows yielded about two tons of good hay per acre. Most of the crop was harvested in fine condition. Broom corn and sorghum cane have made fair growth during the past month. Tobacco is in splendid growing condition. Pasturage is good, but needing rain. Irish and sweet potatoes are doing well. The fruit prospect is encouraging for nearly every variety. Live stock is in good condition and health.

JASPER—The prospect is encouraging for a much larger yield per acre of corn than an average. Winter wheat will average about seven bushels; rye ten bushels, and oats twenty-four bushels per acre. After wheat harvest the chinch-bug attacked the oats and damaged them to considerable extent. Meadows yielded about one ton of fair hay per acre. Pasturage is good. Broom corn and sorghum cane are doing well. Tobacco has made excellent growth during the past month. Irish and sweet potatoes promise better than an average yield per acre. The usual area has been seeded to buckwheat, and the crop is doing well. Turnips, field beans and peas are making fine growth. The fruit prospect is better than for several years past. There will be plenty of apples, pears, peaches and grapes. Live stock is in good condition and health.

JEFFERSON—In some localities the chinch-bug has damaged the corn to a considerable extent, but the general condition is nearly up to an average for August 1. Broom corn and sorghum cane are doing well. The average of winter wheat per acre is five bushels; rye eleven bushels, and oats twenty-two bushels. The yield of hay is very light; the average per acre does not exceed two-thirds of a ton. Pastures are in fair condition. Tobacco and castor beans have made good growth during the past month. Irish and sweet potatoes promise a large yield per acre. The usual area has been seeded to buckwheat, and the condition of the growing crop is good. Field beans, peas and turnips are doing well. There is about two-thirds of a crop of apples, pears, peaches, plums and grapes. Farm stock is in good condition and health.

JERSEY—Corn has seldom been in better condition on August 1 than this season. The stand is very even, color good and the crop has been well cultivated. Winter wheat will average thirteen and oats forty-five bushels per acre. Oats are badly lodged and a great deal was wasted in harvest. Meadows yielded a ton and three quarters of good hay per acre. The seasonable rains have kept grass growing and pasturage is in much better condition than is usual for August 1.

Sorghum cane is doing well. Irish and sweet potatoes promise a large yield. Apples are small and knotty and will yield about two-thirds of an average crop. There will be a fair yield of peaches, pears, plums and grapes. Live stock is in good condition.

JoDAVIESS—Corn has made a most remarkable growth during the past month, and the prospect is encouraging for an average yield per acre. The quality of winter wheat is good, the average yield per acre being about twenty-two bushels; winter rye thirty bushels, spring wheat twenty bushels; barley thirty bushels and oats forty bushels per acre. There has been little threshing done to date. Tobacco has not made the usual growth for August 1. Meadows yielded about one and one-third tons of hay per acre. Pastures are in very fair condition for this season of the year. Irish and sweet potatoes are growing well. The usual area has been seeded to buckwheat and the condition of the growing crop is good. There will be a light crop of apples and plums. The grape crop is very good. Farm animals are in good health and condition.

JOHNSON—Corn is needing rain very much. The stand is uneven and the stalk generally covered with chinch-bugs. The prospect is not good for an average yield per acre. Winter wheat will average about sixteen bushels; rye eighteen and oats thirty-six bushels per acre. In some localities oats were damaged by rust. Meadows yielded about three fourths of a ton of hay per acre. The quality of hay is not good. Pastures are in fair condition. Tobacco is backward, but improving in condition daily. Irish and sweet potatoes have done well. Turnips and other root crops are in fair condition. There is a fair crop of apples, peaches and grapes. The health and condition of farm animals is good.

KANE—The prospect is good for nearly an average yield of corn per acre. Winter rye yielded about twenty-nine bushels and oats forty-seven bushels per acre. Meadows yielded about one and one-half tons of good hay per acre. Pastures are in good order. Irish and sweet potatoes have made very fair growth during the past month. The area seeded to buckwheat is not as large by one-fourth as that of last season. The growing crop is doing well. Turnips and other root crops are in fair condition. There is a fair yield of apples, peaches, plums and grapes. Farm animals are a little thin in flesh but are free from disease.

KANKAKEE—Corn is in excellent condition and with one more good rain a larger than an average yield per acre may be expected. Winter wheat yielded fifteen bushels; rye twenty-five bushels and oats fifty bushels per acre. The quality is not quite up to the average owing to the very rank growth of straw and the rust. Meadows yielded one and three-fourths tons of good hay per acre. Pastures are in excellent condition. Sorghum cane has made the usual growth for August 1. Irish potatoes have done well. A larger area of buckwheat has been seeded this season than last and the condition of the growing crop is good. Field beans are in good condition. Turnips and other root crops have made fair growth. Apples and grapes promise nearly an average yield. Farm animals are in good health and condition.

KENDALL—Corn is in very good condition and promises an average yield per acre. Winter wheat will yield about thirty bushels; rye twenty-nine bushels and oats forty-two bushels per acre. Oats are badly lodged and will be harvested with difficulty. The yield of hay will be about one and one-half tons per acre; the quality of the hay is good. Pastures are in splendid condition for this season of the year. The recent rains have kept grass growing. Irish and sweet potatoes made excellent growth during the past month. The area seeded to buckwheat is about the same as last season; the condition of the growing crop is good. Field beans will make an average yield per acre. Fruit has not done well. There will be about three-fourths of a crop of grapes and apples.

KNOX—Corn has made rapid growth during the past month and favorable conditions until fall a large yield per acre than an average may be expected. The average yield of winter wheat will be about twenty bushels; rye nineteen bushels; spring wheat fifteen bushels; and oats fifty-six bushels per acre. Meadows will make about one and one-half tons of good hay per acre. Pastures are in splendid condition. Broom corn and sorghum cane are doing well. Irish and sweet potatoes are in good growing condition and promise a full average yield per acre. The area seeded to buckwheat is a little larger than last season and the condition of the growing crop is doing well. Turnips and other root crops are making fine growth. Field beans and peas promise a large yield per acre. The prospect is good for apples, pears and grapes. Live stock is in fine condition.

LAKE—Corn looks well and since the recent showers is making rapid and vigorous growth. The average yield per acre of winter wheat is about twenty bushels; rye twenty-five bushels; barley thirty-five bushels and oats forty-five bushels. Late oats were somewhat injured by the rust. Broom corn and sorghum cane are doing well. Meadows will yield about one and one-half tons of good hay per acre. Hay has been harvested in good order. Pastures have been greatly improved in condition by the late rains. Irish potatoes promise a large yield per acre. The area seeded to buckwheat is larger than last season. Turnips and other root crops are doing well. Field beans and peas are in fine condition. There will be about a half crop of apples and a fair crop of pears and grapes. Live stock is in fine health and condition.

LASALLE—Corn has made rapid growth during the past month. The recent rain-storm did considerable damage to corn. Winter wheat was harvested in good condition. The average yield of winter wheat will be about twenty-six bushels; rye twenty-two bushels; spring wheat seventeen bushels, and oats thirty-nine bushels per acre. Much of the oat crop was too rank, and lodged badly and was harvested with difficulty. Timothy meadows made about two tons of excellent hay per acre. Clover was badly winter-killed, and the hay was in poor condition. Pasturage is good. Sorghum cane was never in better condition on August 1. Irish and sweet potatoes have made good growth during the past month. The area seeded to buckwheat is not half as large as last season; condition of growing crop good. Turnips, field beans and peas are doing well. There is more fruit than last season, and the condition is very good.

LAWRENCE—Corn has seldom been in as fine condition on August 1 as this season. The prospect is good for a large yield per acre. Winter wheat will average about fifteen bushels per acre; a much better yield than was expected. The quality of oats is first class; the yield per acre is about thirty-one bushels. Meadows yielded about one and one-fourth tons of good hay per acre. Nearly all the clover was winter-killed. Pastures are not up to the usual condition for August 1. Broom corn and sorghum cane are backward. Irish and sweet potatoes are doing well. There is a slight increase in the area devoted to buckwheat, and the condition of the growing crop is doing well. Turnips and other root crops are making rapid growth since the recent rains. Field beans promise a large yield per acre. The prospect is good for a large crop of apples, peaches, pears and plums. The area devoted to melons is double that of last season, and a large yield per acre is expected. Farm animals are in good health and condition.

LEE—Corn is in excellent condition on the highlands, but there has been too much rain to give that on low or bottom lands the proper cultivation. The yield of winter wheat per acre will be about seventeen bushels; rye twenty; spring wheat sixteen; barley thirty, and oats thirty-six bushels per acre. Oats were badly lodged, and were harvested with great difficulty. Meadows yielded about one and three-fourth tons of good hay per acre. Pastures are in fine condition. Sorghum cane is doing well. Irish and sweet potatoes are making fine growth. Turnips and other root crops are in fine condition. There is about three-fourths of an average yield of apples and grapes, but little of the other varieties of fruit. Farm animals are in fine health and condition.

LIVINGSTON—Corn was very backward up to July 1, but since then the weather has been favorable and the growth remarkably rapid and vigorous. Winter wheat will yield about twelve bushels, and oats forty-two bushels per acre. Meadows yielded about one and one-half tons per acre of very good hay. Broom corn and sorghum cane are a little backward in growth. Castor beans are making fine growth. Pastures where not over stocked are in fair condition. Buckwheat has made but little growth as yet; the area seeded is much smaller than last season. There is but few apples, peaches and plums; grapes will make an average yield. Farm animals are in fine condition and health.

LOGAN—The condition of the growing crop of corn could hardly be improved, and should the conditions remain favorable the average yield per acre will be the largest ever grown in this county. Very little wheat has been threshed to date. The average yield per acre of grain will be about as follows: wheat twenty-five bushels; rye twenty-eight, and oats thirty-five bushels per acre. Meadows will not yield more than one and one-third tons of hay per acre. Pastures are in good condition; the frequent rains during the past week have kept grass growing. Irish and sweet potatoes are in fine condition. Turnips and other root crops are doing well. Field beans promise an average yield per acre. There is a large crop of apples, pears, plums and grapes; but few peaches.

MACON—Corn is in fine condition and promises a larger yield per acre than an aver-

age. Winter wheat will yield about eighteen bushels; spring wheat fifteen and oats forty-six bushels per acre. Meadows will yield about one and two-thirds tons of hay per acre. Pastures are in very fair condition. Broom corn and sorghum cane are making excellent growth. Irish and sweet potatoes are in fine condition. The area seeded to buckwheat is fully 25 per cent. larger than that of last season and the condition is good. Turnips and other root crops are doing well. Apples, pears, plums and grapes are all yielding a large crop. Farm animals are in good health and condition.

MACOUPIN—The condition of corn is very good. The recent heavy rains have destroyed the chinch-bugs which have been working the corn since wheat harvest. Winter wheat will not average more than fifteen bushels per acre; the quality is not good. The oat crop has been damaged by the lodging early in the season. Some fields of oats will not be harvested owing to this cause. Broom corn and sorghum cane have made splendid growth since July 1. Irish and sweet potatoes are doing well. Buckwheat is making excellent growth and covers about the same area as last season. Turnips and other root crops are in fine condition. Field beans promise a large yield per acre. The fruit prospect is good for apples, peaches, pears and grapes will make a large yield. Farm animals are in good health and condition.

MADISON—Corn is in much better condition than usual for August. The stand is good and the crop has been well cultivated. Winter wheat was damaged by the chinch-bug to a considerable extent; the yield per acre will not average more than fourteen bushels. Barley make a very good yield. Oats are good in quality and yielded about forty bushels per acre. Meadows were in fair condition and make about one and one-half tons per acre of good hay. Pastures are in fine condition. Broom corn and sorghum cane are doing well. Tobacco and castor beans are in good growing condition. Irish and sweet potatoes promise a full average yield per acre. Field beans and peas have made good growth and will make a large yield per acre. The fruit crop is better than for several years past. Farm animals are in good health and condition.

MARION—Corn is in very fair condition at this time, but is needing a good rain. The average yield of winter wheat will be about eight bushels; rye twelve bushels and oats twenty-four bushels per acre. The quality of grain is good. The hay crop is very light; the average yield per acre will not exceed three-fourths of a ton per acre. Pastures are in fine condition. Broom corn and sorghum cane are doing well. Tobacco and castor beans have made a rapid and vigorous growth during the past month. Irish and sweet potatoes have made only fair growth. The area seeded to buckwheat is not as large as last season and the condition of the growing crop is not good. Turnips and field beans will yield well. There is a fair crop of peaches, pears, plums and grapes. The apple crop is very light.

MARSHALL—Corn is making rapid and vigorous growth since July 1, and promises about an average yield per acre. Winter wheat will average about sixteen bushels; rye eighteen bushels; spring wheat twelve

bushels, and oats forty-two bushels per acre. Meadows yielded about one and one-half tons of good hay per acre. Pastures are in fair condition, but need rain. Irish and sweet potatoes have made only fair growth during the past month. The area devoted to buckwheat is fully one-third less than that of last season. The condition of the growing crop is not up to the average. There is about three-fourths of an average yield of apples, pears, plums and grapes. Cattle are a little thin in flesh, but are in good health. Other live stock is in good condition.

MASON—The prospect for a larger yield of corn per acre than an average was never better than this season. The yield of winter wheat will average about twenty-one bushels; rye twenty-two bushels; spring wheat thirty bushels, and oats thirty-four bushels per acre. Oats were damaged some by lodging. Meadows yielded about one and two-thirds tons per acre of fair hay. The recent rains have greatly improved the condition of grass. Broom corn and sorghum cane are doing well. Irish and sweet potatoes are in fine condition. The usual area has been seeded to buckwheat; the condition of the crop is very good. Turnips, field beans and peas are making excellent growth. The fruit prospect is good; more apples, pears, plums and grapes than for several years past. Live stock is in good condition and health.

MASSAC—There has not been sufficient rain this season to keep corn growing; the prospect is not encouraging for more than three-fourths of an average yield per acre. Sorghum cane is backward. Winter wheat yielded about fifteen bushels and oats about fifty bushels per acre. Meadows made a fair yield of hay. Pastures are not as good as usual for August 1. Tobacco and castor beans have made excellent growth during the past month. Irish and sweet potatoes promise a full average yield per acre. Turnips, field beans and peas are in fine condition. The fruit prospect is good for apples, peaches, pears and grapes. Live stock is in good health and condition.

MCDONOUGH—The condition of corn was never better on August 1 than this season. With favorable conditions until fall the crop will be the largest ever grown in the county. The average yield of winter wheat per acre is about fifteen bushels; rye fifteen bushels; spring wheat ten bushels, and oats thirty bushels. Oats were badly lodged, and were not harvested in good condition; much of the crop was mowed. Meadows yielded about one and one-half tons per acre of very fair hay. Pastures are in fine condition. Sorghum cane has not made good growth. Irish potatoes promise an average yield per acre. The apple and grape crop will be larger than last season. Farm animals are in good condition and health.

MCHEHRY—Corn generally is a little late but is making rapid growth and is earing well. Broom corn and sorghum cane are doing well. Winter wheat will average about twenty-two bushels; rye twenty-seven bushels; spring wheat twenty-five bushels; barley thirty-two bushels and oats fifty bushels per acre. Oats are badly lodged and are difficult to harvest. Meadows yield about one and one-half tons of good hay per acre. Pastures are in fair condition. Irish and sweet pota-

atoes are doing well. The usual area has been seeded to buckwheat and the growing crop is in good condition. Turnips, field beans and peas are making excellent growth. The prospect is good for a large yield of apples, pears and grapes. Live stock is in fair seasonable condition.

MCLEAN—The prospect for a larger yield of corn per acre than an average was never better than this season. Sorghum cane is making splendid growth. Winter wheat will yield about twenty-five bushels; spring wheat twenty bushels, and oats forty bushels per acre. Oats were very rank and badly lodged and difficult to harvest. Meadows yielded about one and one-half tons per acre of very good hay. Pastures are in better condition than usual for August 1. Irish and sweet potatoes have made good growth during the past month. The area seeded to buckwheat is about the same as last season, and the condition of the growing crop is good. Turnips and other root crops are doing well. There is a good prospect for fall apples. Grapes and blackberries are yielding well. Live stock is in fine condition and health.

MENARD—The corn crop is in splendid condition and promises a much larger yield per acre than an average. The yield of wheat per acre will average twenty-two bushels. Meadows will yield one and one-third tons of fall timothy hay per acre. There is very little clover. Since the recent rains pasture has greatly improved. Sorghum cane is doing well. Irish and sweet potatoes are in fine growing condition and promise a large yield per acre. Turnips and other root crops are making fine growth. Apples and plums will yield about two-thirds of a crop. Grapes will make a large yield. Farm animals are in good health and condition.

MERCER—The favorable weather and seasonable showers of the past month have greatly improved the condition of corn. The prospect is good for the largest yield per acre ever grown in the county. Winter wheat will yield about fifteen bushels; rye eighteen bushels; spring wheat thirteen bushels and oats thirty-seven bushels per acre. Oats have not all been harvested and are badly lodged. Meadows will yield about one and two-thirds tons of good hay per acre. Broom corn and sorghum cane are doing well. Irish and sweet potatoes are in excellent condition. The usual area has been seeded to buckwheat and the growing crop looks well. Turnips and other root crops are making good growth. There is a fair crop of apples and plums. The grape crop is larger than last season. Farm animals are in good health and condition.

MONTGOMERY—Corn is in very fine condition and promises a much larger yield per acre than an average. Broom corn and sorghum cane are doing well. There has been but little wheat threshed to date. The average yield per acre of winter wheat is fourteen bushels; rye twenty-two bushels and oats forty-two bushels per acre. Meadows yielded about one and one-half tons of good hay. Pastures are in fine condition where not overstocked. Tobacco is not up to the usual August 1 condition. Irish and sweet potatoes are up to the average condition for this date. Turnips and other root crops are doing well. The usual area has been seeded to buckwheat and the crop is growing rapid-

ly. Apples, peaches, pears, plums and grapes are making a large yield. Farm animals are in fine condition and health.

MORGAN—The prospect for a large yield of corn was never better than this season. The crop is generally clean and is in full tassel and silk. Winter wheat is yielding about the average and has, generally, been harvested in fine order; the yield is about twenty bushels per acre. Rye will yield about seventeen bushels and oats thirty-four bushels per acre. Oats were badly blown down and were harvested with difficulty. The yield of timothy hay will be about one and three-fourths tons per acre. The frequent rains have kept grass growing and pasture in fine condition. Broom corn and sorghum cane are making fair growth. Irish and sweet potatoes are doing well. Turnips and other root crops are in fine condition. Apples, pears, plums and grapes promise a fair yield. Small fruit has yielded well. Farm animals are in fine condition and health.

MOULTRIE—Corn never looked better on August 1 than this season. The yield per acre will be much larger than an average if the conditions remain favorable. Broom corn and sorghum cane are doing well. Winter wheat will yield an average of about thirteen bushels; rye twenty bushels and oats thirty-six bushels per acre. Meadows will not yield an average of more than one and one-fourth tons of good hay per acre. Pasture is in very fair condition for this season of the year. Irish and sweet potatoes are doing well. Buckwheat is making fine growth and covers about the same area as last season. Field beans and peas are in fine condition. The prospect for fall fruit is better than for several years past. Farm animals are in good health and condition.

OGLE—The growth of corn is not as large as usual for August 1, but is making rapid and vigorous growth. Broom corn and sorghum are doing well. The average yield per acre of winter wheat is about eighteen bushels; rye twenty bushels; spring wheat fifteen bushels; barley twenty-seven bushels and oats sixty-four bushels. Meadows yielded about one and two-thirds tons per acre of good hay. Pastures are not in as good condition as usual for August 1. Irish potatoes are not doing well. Sweet potatoes look well. The usual area has been seeded to buckwheat and the growing crop is in fine condition. Field beans and peas are doing well. Turnips and other root crops are making rapid growth. The prospect for apples, pears and grapes is better than for several years past. Farm animals are in good condition and health.

PEORIA—The corn crop is making rapid improvement since the recent rains, and the prospect is encouraging for a much larger yield per acre than an average. The average yield per acre of winter wheat will be twenty-three bushels; rye twenty-four bushels, and oats forty-two bushels. There has been very little threshing done to date. The oat crop was injured somewhat by lodging. The heavy rains during July caused some of it to rust. Timothy meadows yielded about one and one-fourth tons of very fair hay per acre. Clover was almost an entire failure. Pastures have steadily improved since the first of June, and the condition is much bet-

ter than an average for August 1. Irish potatoes are in fine condition, and promise a large yield per acre. Sweet potatoes have not done well. There is a fair crop of apples, pears and grapes. Blackberries yielded well. Farm animals are in fine condition and health.

PERRY—Corn is in very fair condition, but since harvest the chinch-bug has been working it. With plenty of rain, however, they cannot do much damage. Broom corn and sorghum cane have made fair growth during the past month. Winter wheat did not average more than ten bushels per acre; rye yielded eighteen bushels, and oats thirty bushels per acre. The quality of oats has been affected somewhat by the rust. Meadows yielded about one ton of hay per acre. Timothy has never recovered from the effects of the drouth last season. Pastures have made great improvement since the recent rain. The tobacco crop was never in better condition on August 1 than this season. Castor beans are doing well. Irish and sweet potatoes have made the usual growth for August 1. The area seeded to buckwheat is much larger than that of last season, and the condition of the growing crop is good. Turnips and other root crops are looking well. Field beans and peas are not up to the average condition for August 1. There is a fair crop of apples, peaches, pears, plums and grapes. The fruit crop was somewhat affected by the late frost in May. Live stock of all kinds is in good health and condition.

PIATT—The recent heavy rains have done considerable damage to the growing corn. The prospect with favorable conditions till fall, is good for an average yield per acre. The average yield per acre of winter wheat is thirteen bushels; rye sixteen bushels and oats thirty-six bushels per acre. A large percentage of the oats crop was harvested in a bad condition. Many fields could not be cut with a binder, owing to the tangled condition. Broom corn and sorghum cane have made the usual growth for August 1. The limited area of tobacco planted in this county is doing well. Meadows yielded about one and one-half tons of timothy hay per acre. Clover was nearly all winter-killed. Irish and sweet potatoes are up to the usual condition for August 1. The area seeded to buckwheat and turnips is about the same as that of last season, and the condition is good. Field beans have done well. Fruit is in good condition and will yield a very large crop of apples, pears, plums and grapes.

PIKE—The present corn crop has been cultivated with more care than usual. The season has been favorable and the condition of the growing crop is better than an average for August 1. Sorghum cane has made fine growth. Winter wheat yielded about fourteen bushels per acre. The quality of the grain is not good. Oats yielded about thirty-five bushels per acre and has been harvested in good order. Meadows made about one and a quarter tons of good hay per acre. Pastures are in fine condition for this season of the year. Irish and sweet potatoes have made the usual growth for August 1. Turnips and other root crops are doing well. The fruit prospect is better than for several years past. There is a fair yield of apples, pears, plums and grapes. Farm animals are in good condition and health.

POPE—Corn is in very fair condition but is being injured by the chinch-bugs. Broom corn and sorghum cane have made the usual growth for August 1. There was a small area of cotton planted in this county and it is doing well. Tobacco has made splendid growth during the past month. Winter wheat will average about ten bushels per acre; rye twelve bushels and oats thirty bushels. The hay crop is very good. The average yield being about two tons per acre. Pastures are in fine condition for this season of the year. The area seeded to buckwheat is about the same as last season and the growing crop is doing well. The fruit crop has seldom been better than this season. There is an abundance of apples, peaches, pears, plums and grapes. Farm animals are in good condition and health.

PULASKI—The early planting of corn is in fine condition and will mature with one more rain. The chinch-bug is quite numerous and is damaging the late corn to some extent. Sorghum cane has made the usual growth for August 1. The yield of winter wheat is above the average, and the quality of the grain is good. The average yield per acre of winter wheat is twenty bushels; oats thirty-three bushels. The quality of the latter is good. Meadows yielded about one and one-half tons of good hay per acre. The army worm did some damage to timothy. Tobacco and castor beans have made splendid growth during the past month. Pastures are suffering for rain. Irish and sweet potatoes are doing well. Turnips and other root crops are making fair growth. Early apples have been harvested with a good profit. There will be an abundance of fall apples and pears. The peach crop is the largest of any for several years past. The condition of farm animals is only fair; health good.

PUTNAM—Corn is about ten days later than usual, but is making rapid improvement since the recent rain. Sorghum cane is in fair condition. The average yield per acre of winter wheat is fourteen bushels; rye twenty; and oats thirty-two bushels per acre. Oats were badly lodged and were harvested with great difficulty. Meadows yielded about one and one-half tons of timothy hay per acre. There is little or no clover. Pastures are in fair condition but are needing rain. Irish and sweet potatoes have made excellent growth during the past month. Turnips and other root crops are doing well. Field beans are in good condition. There are very few apples and but little other fruit except grapes, which promise about three-fourths of an average yield. Live stock is in good condition and health.

RANDOLPH—Corn is suffering for want of rain and does not promise more than four-fifths of an average yield per acre. Broom corn and sorghum cane are not up to the usual average for August 1. Tobacco has made remarkable growth during the past month. Castor beans are doing well. The average yield of winter wheat per acre is nineteen bushels; barley twenty-five bushels and oats forty-two bushels per acre. Meadows yielded about one ton and a half of very fair hay per acre. Pastures are not as good as usual for August 1, owing to want of rain. Irish and sweet potatoes have made splendid growth and promise a large yield per acre. Turnips and other root crops are doing well. The condition of apples is not good. There is a

fair crop of peaches, pears, plums and grapes. Farm animals are in good health and condition.

RICHLAND—The condition of the growing crop of corn is considerably above the average for this date. The prospect is the best of any for the past ten years, for a larger yield of corn per acre than an average. Broom corn and sorghum cane have made the usual growth for August 1. The winter wheat crop was nearly a failure in both yield and quality. Winter rye will average about seven bushels per acre. Oats made only a fair yield, not exceeding twenty bushels per acre. Timothy meadows yielded about two-thirds of a ton per acre. Pastures are in very fair condition. Irish and sweet potatoes have made fair growth during the past month. The area seeded to buckwheat is nearly double that of last year and the condition of the growing crop is good. Turnips and other root crops are doing well. There is a fine yield of apples, peaches, pears, plums and grapes. Farm animals are in good health and condition.

ROCK ISLAND—Corn is growing very rapidly but is about two weeks late. With favorable conditions until fall the yield will be larger than an average. Broom corn and sorghum cane have not made as good growth as usual for this date. Castor beans are in fair condition. The yield per acre of winter wheat will average twenty bushels; winter rye eighteen bushels; spring wheat sixteen bushels and oats forty bushels per acre. The latter crop was badly lodged and much of it was lost in harvesting. Timothy meadows yielded about one and two-third tons per acre. There was little or no clover. Irish and sweet potatoes are above the average in condition for this date. The usual area has been seeded to buckwheat and the condition of the crop is good. Turnips, field beans and peas are all doing well. Apples are doing fairly well, but most of the orchards have been winter-killed during the past few years and will not yield enough for home consumption. All kinds of live stock are in good condition and health.

SALINE—The condition of the growing corn is good; the crop has been well cultivated and promises, with fair conditions until fall, a much larger yield per acre than an average. Sorghum cane is doing well. Tobacco has not made the usual growth for August 1. Winter wheat yielded about twelve bushels per acre, and oats thirty bushels per acre. Much of the latter crop was blown down by the storm early in July, and could not be harvested. Meadows yielded about one and three-fourth tons of good hay per acre. The latter part of July was favorable to the growth of grass, and pastures are in good condition. A larger area than usual has been seeded to turnips and other root crops, and the condition is good. There is an abundance of every variety of fruit grown in this latitude. Live stock is a little thin in in flesh but is in good health.

SANGAMON—The general condition of the growing corn crop is better than an average for this date. The crop has been well cultivated and the season favorable for a rapid, a vigorous growth. Winter wheat will average about twenty-one bushels per acre. But little threshing has been done to date. Some fields made an average of over

forty-bushels per acre. Oats were badly down, and many fields could not be harvested. Meadows yielded about one and one-third tons of timothy hay per acre. Clover was badly winter-killed and will yield a much lighter crop. Pastures are in excellent condition for this season of the year. The frequent rains during July have kept grass growing. Irish and sweet potatoes are in an average condition for August 1. Turnips and other root crops are doing well. There is a fair yield of apples, pears, plums and grapes. The condition of fruit is excellent. Farm animals are in good condition and health.

SCHUYLER—Owing to the continued rains during July farmers were unable to give corn the necessary cultivation. But the season being favorable the corn has made good growth and is shooting heavily. The average yield of winter wheat will be about sixteen bushels, but the quality is poor. Rye will yield about fourteen bushels, and oats about thirty-five bushels per acre. Meadows yielded about one ton and a half of very fair timothy hay per acre. There is but little clover. The continued rains during July have kept grass in good condition, hence pastures are better than usual for this date. Irish and sweet potatoes have made remarkable growth during the past month, and promise a larger than an average yield per acre. The fruit prospect has seldom been better than this season. There will be an abundance of peaches, pears, plums and grapes. Blackberries made a very large yield.

SCOTT—From the present indications the prospect is good for a much larger yield per acre than an average of corn. Winter wheat yielded much better than was expected, the average being about twenty-four bushels; rye twenty-five bushels and oats thirty-five bushels per acre. Not more than two-thirds of the latter crop could be harvested, owing to lodging. Timothy made a very good crop of hay and was harvested in good condition, the yield about one and one-half tons per acre. Pastures are in fair condition and are improving since the recent rain. Irish and sweet potatoes have made better growth than usual for August 1. The area seeded to buckwheat is about the same as last season and its condition is good. Turnips and other root crops are in good condition. Field beans and peas are doing well. The condition of fruit is very good; the yield better than for several years past. Farm animals are in good condition and health.

SHELBY—The prospect for corn is better than ever known before in this county. The rains and warm weather during July have given it wonderful growth. The average yield per acre of winter wheat is nine bushels; rye thirteen bushels; barley nineteen bushels, and oats forty-two bushels per acre. The latter crop was badly lodged by a storm early in July, and did not fill as well as usual. Broom corn and sorghum cane have made good growth during the past month. Timothy meadows made a fair average yield of hay per acre. Harvest commenced about the fifth of July. Pastures have continued in fine condition owing to the frequent rains during the month. Irish and sweet potatoes have made splendid growth and promise a much larger yield per acre than an average. The usual area has been seeded to buckwheat and its condition is good. Turnips, field

beans and peas are doing well. Summer and fall fruit is in fine condition. There will be but a small yield of winter apples. Live stock is a little thin in flesh but otherwise in good condition.

STARK—The prospect for corn is very good. With favorable conditions till fall there will be a better yield per acre than an average. Broom corn and sorghum cane have made the usual growth for August 1. The average yield per acre of winter wheat is fourteen bushels; rye twenty-four bushels; spring wheat ten bushels and oats forty bushels per acre. Meadows yielded about one and three-fourths tons of good timothy hay per acre. Clover made a very fair yield per acre. Pastures have kept in good condition, owing to frequent rains during the past month. Irish and sweet potatoes have done well. The area seeded to buckwheat is about the same as last season and the condition is good. Turnips and other root crops are making fair growth. There is a fine prospect for apples and grapes. Very little other fruit. Farm animals are in good health and condition.

St. CLAIR—The condition of corn is considerably above the average for August 1. The stand was good; the crop well cultivated and the season favorable to its rapid growth. Winter wheat did not yield more than eight bushels per acre. The grain is very inferior. Rye yielded about twelve bushels per acre and oats thirty-five bushels per acre. Timothy meadows yielded about a ton and a half of good hay per acre. The yield of clover was fair. Pastures are in good condition since the recent rain. Irish and sweet potatoes have made fine growth during the past month. The fruit prospect is not as good as usual. There will not be more than a half a crop of apples and three-fourths of a crop of peaches, pears, plums and grapes.

STEPHENSON—The condition of corn is very good but the crop is fully two weeks later than usual for this date. Broom corn and sorghum cane have made the usual growth for August 1. The average yield per acre for winter wheat is about eighteen bushels; rye nineteen bushels; spring wheat thirteen bushels; barley twenty-two bushels and oats thirty-eight bushels per acre. Meadows yielded about one and three-fourths tons of good timothy hay per acre. Clover yielded about one and two-thirds tons per acre. Tobacco has made excellent growth and promises a full average yield per acre. Irish and sweet potatoes are doing well. The usual area has been seeded to buckwheat and the growing crop is in fine condition. Turnips, field beans and peas are making splendid growth. There is a fair yield of apples, pears, plums and grapes. Live stock is thin in flesh

TAZEWELL—Corn has seldom been in better condition on August 1 than this season, and the prospect is encouraging for even better than an average yield per acre. Winter wheat will yield about twenty-three bushels per acre; rye twenty and oats forty-three bushels per acre. The quality of the grain is very good. Meadows yielded about one and one-half tons of good hay per acre. The frequent rains have kept the grass growing

and pasturage is in much better condition than usual for this date. Irish and sweet potatoes have done well. The usual area has been seeded to turnips and other root crops and the condition is good. There will be a large crop of apples and grapes. The abundance of pasturage has put live stock in much better condition than an average for this date.

UNION—Corn is in a fair average condition for August 1. Broom corn and sorghum cane have not made the usual growth for this date. Tobacco is doing well. Winter wheat will yield about thirteen bushels; rye thirty bushels and oats thirty bushels per acre. The quality of the grain is unusually good. There is a fair hay crop. Timothy meadows yielding about one and one-half ton per acre. Pastures are in fair condition. Irish and sweet potatoes are doing well. There is an abundance of all kinds of fruit. Live stock is in good condition and health.

VERMILION—Corn has seldom been in better condition on August 1 than this season. With favorable season until fall, the yield per acre will be much larger than an average. Sorghum cane has made the usual growth for this date. Winter wheat will average about fourteen bushels per acre; rye twenty bushels per acre and oats forty-seven bushels per acre. The latter crop was badly lodged and was harvested with difficulty and increased expense. Timothy meadows yielded about one and one-third ton per acre. Clover about a ton and a half per acre. Irish and sweet potatoes have made splendid growth in the past month. There will be a full crop of apples, pears, plums and grapes, and more peaches than for several years past. Live stock is in excellent condition and health.

WABASH—Corn has been badly injured by the chinch-bug on high land. In some fields from two to twenty acres have been entirely destroyed, but owing to the favorable rains, that not destroyed is doing splendidly. The corn seems to have out-grown their attack. Winter wheat yielded about fourteen bushels and oats twenty-five bushels per acre. The wheat crop was very irregular in both yield and quality. Sorghum cane has made fair growth. Tobacco has not done as well as usual for this date. Meadows yielded about one ton per acre of timothy hay. Pastures are in only fair condition. Irish and sweet potatoes are doing well. A much larger acreage has been seeded to buckwheat than usual. The condition of the growing crop is good. A large area has been seeded to turnips and other root crops. Field beans and peas have made the usual growth for August 1. The condition of fruit is very promising. The yield of apples will be light; there will be a full crop of peaches, plums and grapes; quinces and pears will not yield as well as usual. Live stock is hardly up to the average condition, owing to the scarcity of feed last fall.

WARREN—The prospect for corn is better than an average for August 1. The storm of July 4 prevented many fields of corn from receiving the proper cultivation, but as the weather has been favorable the growth has

been vigorous and rapid. Broom corn and sorghum cane are doing well. Winter wheat will yield about eighteen bushels; rye nineteen bushels; spring wheat fifteen bushels and oats thirty-six bushels per acre. Oats were badly lodged and were harvested with difficulty. Meadows yielded about one and one-half tons of good hay per acre. Pasturage is better than usual for this season of the year. Tobacco has made splendid growth and promises a large yield per acre. Irish and sweet potatoes have done well during the past month. Turnips and other root crops are growing rapidly. There is a fair crop of apple, pears, plums and grapes. Farm animals are in very good flesh and health.

WASHINGTON—The condition of corn is good; the chinch-bug has done but little damage to the growing crop. The late rains have given vegetation a new start. Broom corn and sorghum cane have made fine growth during the past month. The yield per acre of winter wheat will average about nine bushels; rye seventeen bushels and oats thirty-five bushels. Meadows did not yield more than one ton per acre of good timothy hay. Clover made a fair yield. Tobacco has done well. Castor beans are not in as good condition as usual for August 1. Pastures are improving since the late rains. Irish and sweet potatoes are making rapid growth. The usual area has been seeded to buckwheat and the growing crop is doing well. Field beans and peas promise a large yield per acre. The fruit prospect is good for a large crop of apples, peaches, plums and grapes.

WAYNE—Corn is suffering for rain at this time. There has been no rain for the past three weeks. The condition of the growing crop is not up to the usual average for August 1, owing to the chinch-bug. The farmers of this county have greatly reduced the area seeded to winter wheat. The yield of winter wheat per acre will not exceed three bushels of very inferior grain. Oats have been harvested and stacked in good condition; the yield per acre will be about thirty bushels. Meadows have done better than was expected, although the yield per acre will not average more than three-fourths of a ton. Broom corn and sorghum cane are not up to the average condition for August 1. Tobacco and castor beans have made only fair growth since July 1. Pasturage is in good condition for this season of the year. Irish and sweet potatoes are doing well. The area seeded to buckwheat is larger than last season; condition of crop is good. The fruit prospect is good for apples, peaches, pears and plums.

WHITE—Corn is being damaged by the chinch-bug, and if there is not a good rain soon many fields adjacent to wheat will be entirely destroyed. The average yield per acre of winter wheat is fourteen bushels; rye fifteen bushels and oats thirty bushels per acre. The quality of the grain is good. Meadows did not yield more than three-fourths of a ton of hay. Pastures are not in good condition. Broom corn and sorghum cane are doing well. Tobacco has not made the usual growth for August 1. Irish and sweet potatoes have made only fair growth during the past month. The area seeded to buckwheat is considerably larger than last season; the growing crop is doing well. Field beans have made excellent growth. There

is an abundance of apples, pears, plums, peaches and grapes. Live stock is in fine health and condition.

WHITESIDE—Corn is growing rapidly and promises an average yield per acre. Broom corn and sorghum cane are doing well. Winter rye will average about seventeen bushels and oats forty bushels per acre. Meadows yielded about one and three-fourths tons per acre of good hay. Pastures are very good for this season of the year. Irish and sweet potatoes are making fine growth. The usual area has been seeded to buckwheat and the condition of the growing crop is good. Field beans have not made the average growth for this date. There is but little fruit excepting apples and grapes. The pear, plum and cherry trees were nearly all winter-killed in 1885. Farm animals are doing well as pasturage is good. No disease reported among them.

WILL—The condition of corn was never better at this season of the year. There has been abundance of rain and has made rapid vigorous growth. Broom corn and sorghum cane have made fair growth during the past month. The average yield per acre of winter wheat is about twelve bushels; rye twenty-seven bushels; spring wheat fifteen bushels; barley twenty-four bushels and oats thirty-six bushels. Oats were too rank and many fields were badly lodged and difficult to harvest. Tobacco has made fair growth during the past month. Castor beans are doing well. Meadows made about one and one-half tons of good hay per acre. Irish and sweet potatoes are in fine condition. The area seeded to buckwheat is about the same as last season and the crop is making rapid growth. Field beans and peas will yield well. The fruit prospect is not as good as last season.

WILLIAMSON—Corn is in fine condition for this date; chinch-bugs have done but little injury owing to the abundance of rain. The prospect was never better for a larger yield per acre than an average. Broom corn and sorghum cane have made splendid growth. Cotton is in excellent condition. Tobacco and castor beans are fully up to the August 1 condition. Meadows yielded a light crop of hay; the average yield will not exceed one ton per acre. Winter wheat made about thirteen bushels per acre. Irish and sweet potatoes have made fine growth during the past month. The area seeded to buckwheat is hardly as large as last season; crop doing well. Field beans and peas are up to the average August 1 condition. The fruit crop is better than for several years past. Plenty of peaches this season. Farm animals are in good health and condition.

WINNEBAGO—Corn is rather late, but with favorable conditions until fall the yield per acre will be up to the average. In some portions of the county the prospect is better than for several years past. Broom corn and sorghum cane are doing well. Winter wheat yielded about fifteen bushels; rye nineteen bushels; spring wheat thirteen bushels; barley twenty-six bushels and oats thirty bushels per acre. The timothy hay crop is good; clover was winter-killed to a considerable extent and was weedy. Past-

ures are in about an average condition for August 1. Tobacco has made splendid growth during the past month. Irish and sweet potatoes promise a large yield per acre. The area seeded to buckwheat is about the same as last season; the growing crop is doing well. Field beans will make a large yield. There is but little fruit of any description. Farm animals are in fair condition.

WOODFORD—The corn crop is doing well, but one more good rain is needed to assure the crop from damage by drouth. Broom corn and sorghum cane are in fine growing condition. The yield per acre of winter

wheat is about sixteen bushels; rye fifteen bushels; spring wheat eleven bushels; barley fifteen bushels and oats forty bushels per acre. Oats were in a badly tangled condition for harvest, owing to the heavy rainstorm during July; fully one-third of the crop was lost. Irish and sweet potatoes are doing well. Castor beans have made fine growth. Meadows yielded about one and three-fourths tons of good hay per acre. Pastures are suffering for want of rain. Turnips and other root crops are in fair condition for August 1. The prospect for fruit is better than that of last season. Farm animals are a little thin in flesh but are in good health.

CROP REPORT.

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CONDITION OF CORN, AUGUST 1, 1888.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
COUNTIES.				COUNTIES.				COUNTIES.			
Av. cond'n June 1, 1888	Av. cond'n July 1, 1888	Av. condition August 1.		Av. cond'n June 1, 1888	Av. cond'n July 1, 1888	Av. condition August 1.		Av. cond'n June 1, 1888	Av. cond'n July 1, 1888	Av. condition August 1.	
1888	1887	1886	1885	1888	1887	1886	1885	1888	1887	1886	1885
Boone.....	77	86	96	77	85	100	74	100	101	84	90
Bureau.....	82	87	92	83	83	103	95	81	96	70	93
Carroll.....	90	98	102	91	88	103	95	36	119	81	81
Cook.....	85	92	96	77	92	103	82	53	119	36	94
DeKalb.....	90	90	100	92	91	103	94	80	105	82	90
DuPage.....	98	92	94	70	97	103	100	20	85	80	82
Grundy.....	90	107	100	92	91	103	96	44	101	85	105
Henderson.....	88	95	107	94	96	104	101	85	100	85	110
Henry.....	85	97	100	78	98	103	84	26	105	99	77
Iroquois.....	71	108	103	82	98	103	101	33	107	59	91
Jo Daviess.....	90	87	103	82	100	103	108	100	102	53	85
Kane.....	85	85	93	75	86	92	96	84	100	64	88
Kankakee.....	88	87	97	62	88	99	100	87	105	85	102
Kendall.....	93	99	107	97	90	101	90	61	103	68	90
Knox.....	74	85	100	50	72	84	84	100	110	66	67
Lake.....	77	97	106	69	73	88	112	100	103	63	90
LaSalle.....	82	95	99	47	54	88	91	80	103	67	90
Lee.....	77	95	104	92	75	87	93	100	110	100	87
Livingston.....	79	66	85	63	85	95	100	110	110	100	75
Marshall.....	95	92	100	40	68	92	100	32	95	100	75
McHenry.....	82	98	100	80	99	100	95	45	100	77	100
Mercer.....	82	92	93	80	80	100	98	72	87	64	96
Ogle.....	82	92	93	80	80	100	98	72	87	64	96
Peoria.....	69	93	112	67	57	70	98	55	95	90	77
Putnam.....	71	89	95	47	54	88	100	47	95	77	105
Rock Island.....	84	99	101	81	86	95	95	47	95	77	105
Stark.....	84	99	101	81	86	95	95	47	95	77	105
Stephenson.....	90	94	105	85	84	100	100	65	100	65	100
Warren.....	90	94	105	85	84	100	100	65	100	65	100
Whiteside.....	82	93	95	80	88	102	102	72	102	72	102
Will.....	92	87	101	46	44	95	99	83	83	83	86
Winnebago.....	82	86	94	75	57	107	105	91	91	91	95
Woodford.....	76	85	99	63	77	99	105	91	91	91	95
Average ..	82	90	99	66	65	92	97	66	62	95	79
Average ..	92	100	100	92	92	93	90	92	100	95	79
Alexander.....	100	101	110	84	70	100	93	100	101	84	90
Bond.....	89	96	119	36	81	97	94	100	101	84	90
Clay.....	97	95	105	53	82	97	70	100	101	84	90
Clinton.....	100	95	85	20	80	67	90	100	101	84	90
Crawford.....	85	90	101	44	85	110	77	100	101	84	90
Edwards.....	80	86	100	44	85	110	77	100	101	84	90
Effingham.....	100	100	105	26	97	117	82	100	101	84	90
Fayette.....	100	102	110	33	59	97	75	100	101	84	90
Franklin.....	102	95	105	87	84	98	85	100	101	84	90
Galatin.....	80	101	103	61	68	107	65	100	101	84	90
Hamilton.....	80	101	103	61	68	107	65	100	101	84	90
Hardin.....	98	105	100	25	75	110	87	100	101	84	90
Haskell.....	100	100	110	32	77	100	75	100	101	84	90
Jasper.....	96	103	103	45	37	100	53	100	101	84	90
Jefferson.....	87	87	87	72	64	100	83	100	101	84	90
Johnson.....	92	95	103	65	93	97	85	100	101	84	90
Lawrence.....	95	97	113	58	55	90	77	100	101	84	90
Madison.....	94	107	95	37	47	106	82	100	101	84	90
Marion.....	94	107	95	37	47	106	82	100	101	84	90
Massac.....	90	120	75	45	45	67	106	100	101	84	90
Monroe.....	95	103	98	82	80	90	84	100	101	84	90
Perry.....	85	95	103	62	55	97	105	100	101	84	90
Poplar.....	98	113	100	62	55	97	105	100	101	84	90
Pulaski.....	102	105	87	83	42	113	86	97	105	85	94
Richland.....	89	106	112	50	90	92	56	94	100	100	100
Saline.....	80	100	115	70	75	82	100	100	100	100	100
St. Clair.....	110	120	110	80	70	105	75	89	100	100	100
Union.....	90	80	97	85	93	99	70	91	100	100	100
Wabash.....	80	100	101	44	28	96	72	98	100	100	100
Washington.....	87	87	93	89	89	89	89	89	100	100	100
Wayne.....	83	82	92	70	79	89	71	89	100	100	100
White.....	68	82	96	71	58	99	71	89	100	100	100
Williamson.....	97	100	103	65	43	100	81	87	100	100	100
Average..	92	100	100	62	66	95	79	94	100	100	100

*Estimated.

WINTER WHEAT.

COUNTIES.	Acreage 1888 returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of pro- duction per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Adams.....	85,025	21	1,785,525	\$0 72	\$1,285,578	*\$8 45	\$718,461	\$567,117	.....
Alexander.....	9,087	25	227,175	73	165,838	12 50	113,587	52,251	.....
Bond.....	19,840	7	138,880	73	102,382	10 10	200,384	.....	\$98,002
Boone.....	441	20	8,820	*75	6,615	8 70	3,837	2,778	.....
Brown.....	30,264	17	514,488	70	360,142	* 9 20	278,429	81,713	.....
Bureau.....	3,371	18	60,678	*75	45,508	10 60	55,733	9,775	.....
Calhoun.....	16,122	20	322,440	72	232,157	14 30	230,545	1,612	.....
Carroll.....	2,268	*19	43,092	*73	31,457	9 45	21,433	10,024	.....
Cass.....	26,626	20	532,520	71	378,089	10 45	278,242	99,847	.....
Champaign.....	27,740	14	388,360	59	229,132	9 15	253,821	.....	24,689
Christian.....	59,121	17	1,005,057	71	713,590	10 60	626,683	86,907	.....
Clark.....	22,728	6	136,368	61	83,184	7 05	160,232	.....	77,048
Clay.....	5,012	5	20,048	70	14,084	6 50	32,578	.....	18,544
Clinton.....	44,064	5	220,320	68	149,818	12 85	566,222	.....	416,404
Coles.....	5,491	7	38,437	87	25,753	9 30	51,066	.....	25,313
Cook.....	96	30	2,880	90	2,592	10 35	994	1,598	.....
Crawford.....	20,885	8	167,680	70	116,956	7 15	149,328	.....	32,372
Cumberland.....	12,832	5	64,160	74	47,478	6 45	82,766	.....	35,288
DeKalb.....	351	20	7,020	80	5,616	8 60	3,019	2,597	.....
DeWitt.....	7,020	20	140,400	65	91,260	9 45	66,359	24,921	.....
Douglas.....	10,435	9	93,915	76	65,740	8 80	91,828	.....	26,088
DuPage.....	145	*24	3,486	*90	3,132	9 75	1,414	1,718	.....
Edgar.....	32,583	8	260,664	68	177,251	7 80	254,147	.....	76,896
Edwards.....	12,697	2	25,394	65	16,506	* 9 00	114,273	.....	97,767
Efingham.....	15,108	6	90,648	68	61,641	9 25	139,749	.....	78,108
Fayette.....	20,746	2	41,492	80	33,194	8 30	172,192	.....	138,998
Ford.....	605	12	7,268	75	5,445	6 75	4,084	1,361	.....
Franklin.....	7,549	* 8	67,041	*73	48,940	8 45	63,944	.....	14,004
Fulton.....	60,369	21	1,267,749	70	887,424	10 10	609,727	277,697	.....
Gallatin.....	119,919	*11	219,109	70	153,376	8 55	170,307	.....	16,931
Greene.....	54,412	22	1,197,064	75	897,798	11 10	603,973	293,825	.....
Grundy.....	1,028	*19	19,532	*75	14,649	11 77	12,079	2,570	.....
Hamilton.....	4,447	7	31,129	72	22,413	9 55	42,469	.....	20,056
Hancock.....	51,454	18	925,812	69	638,810	9 70	498,910	139,900	.....
Hardin.....	7,685	16	122,960	67	82,933	9 20	70,702	11,631	.....
Henderson.....	7,161	23	164,704	70	115,292	12 25	87,722	27,570	.....
Henry.....	650	17	11,050	75	8,287	9 05	5,882	2,405	.....
Iroquois.....	3,842	6	23,052	68	15,675	8 80	33,810	.....	18,135
Jackson.....	33,557	11	369,127	72	265,771	9 45	317,114	.....	51,343
Jasper.....	16,939	7	118,573	75	88,939	7 60	128,736	.....	39,806
Jefferson.....	5,099	5	25,495	81	20,651	7 20	36,713	.....	16,062
Jersey.....	144,120	13	573,560	71	407,228	7 50	330,900	76,328	.....
JoDavies.....	3,736	22	82,192	75	61,644	11 40	42,590	19,054	.....
Johnson.....	12,448	16	199,168	70	139,418	8 75	108,920	30,498	.....
Kane.....	194	*23	4,462	*83	3,703	12 25	2,376	1,327	.....
Kankakee.....	2,364	15	35,460	72	25,531	13 70	32,387	.....	6,856
Kendall.....	497	30	14,910	*79	11,779	10 95	5,442	6,337	.....
Knox.....	7,786	20	155,720	72	112,118	19 05	78,249	33,869	.....
Lake.....	678	20	13,560	82	11,119	10 40	7,051	4,068	.....
LaSalle.....	6,600	26	171,600	*75	128,700	12 55	82,839	45,870	.....
Lawrence.....	27,968	15	419,520	72	302,054	7 70	215,353	86,700	.....
Lee.....	641	17	10,897	83	9,044	8 95	5,737	3,307	.....

WINTER WHEAT—Continued.

COUNTIES.	Acreage 1888 returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of pro- duction per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Livingston.....	3,304	12	39,648	68	26,961	7 85	25,936	1,025	.....
Logan.....	47,053	25	1,176,325	62	729,321	9 85	463,472	265,849	.....
Macon.....	21,022	18	378,396	69	261,093	10 65	223,884	37,209	.....
Macoupin.....	82,830	16	1,325,280	70	927,696	8 35	691,630	236,066	.....
Madison.....	82,752	14	1,158,528	75	868,896	10 35	856,483	12,413	.....
Marion.....	5,765	8	46,120	72	33,206	7 40	42,661	.....	9,455
Marshall.....	2,063	16	33,008	72	23,766	9 60	19,805	3,961	.....
Mason.....	63,511	21	1,333,731	67	893,600	9 55	606,530	287,070	.....
Massac.....	21,177	15	317,655	72	228,712	8 35	176,928	51,884	.....
McDonough.....	14,409	15	216,135	*70	151,294	10 60	152,735	.....	1,441
McHenry.....	542	22	11,924	70	8,347	10 50	5,691	2,656	.....
McLean.....	9,539	24	230,376	65	149,744	11 15	107,029	42,715	.....
Menard.....	25,050	22	551,100	70	385,770	9 65	241,732	144,038	.....
Mercer.....	1,789	15	26,835	*72	19,321	9 40	16,817	2,504	.....
Monroe.....	54,622	*11	600,842	*75	450,631	11 10	606,304	.....	155,673
Montgomery.....	67,884	14	950,376	67	636,750	8 85	600,773	35,977	.....
Morgan.....	49,517	20	1,390,340	68	945,431	10 75	532,308	413,123	.....
Moultrie.....	7,091	13	92,193	75	69,137	8 50	60,273	8,864	.....
Ogle.....	2,895	18	52,110	*76	39,604	11 15	32,279	7,325	.....
Peoria.....	12,381	23	284,763	74	210,725	10 55	130,619	80,106	.....
Perry.....	6,647	10	76,470	74	49,188	8 35	55,502	.....	6,314
Piatt.....	10,461	13	135,993	65	88,395	9 65	100,949	.....	12,554
Pike.....	84,339	14	1,180,746	71	838,330	*10 80	910,861	.....	72,531
Pope.....	+13,522	*15	202,830	*70	141,981	6 65	89,921	52,060	.....
Pulaski.....	+9,319	22	205,018	72	147,613	7 70	71,756	75,857	.....
Putnam.....	1,107	14	15,498	70	10,849	10 30	11,402	.....	553
Randolph.....	69,031	14	966,434	75	724,825	8 70	600,570	124,255	.....
Richland.....	14,948	3	44,844	75	33,633	9 50	142,006	.....	108,373
Rock Island.....	659	20	13,180	*75	9,885	11 80	7,776	2,109	.....
Saline.....	14,752	*13	192,296	69	132,684	8 80	130,170	2,514	.....
Sangamon.....	62,661	21	1,315,881	67	881,640	12 50	783,262	98,388	.....
Schuyler.....	40,714	16	651,424	69	449,482	7 25	295,176	154,306	.....
Scott.....	15,173	24	364,152	71	258,548	10 95	166,144	92,404	.....
Shelby.....	23,847	9	214,623	73	156,675	6 75	160,967	.....	4,292
Stark.....	441	14	6,174	*74	4,569	12 65	5,579	.....	1,010
St. Clair.....	100,908	8	807,264	75	605,448	* 9 65	973,762	.....	368,314
Stephenson.....	3,332	18	59,976	70	41,983	11 00	36,652	5,331	.....
Tazewell.....	38,056	23	875,288	65	568,937	8 30	315,865	253,072	.....
Union.....	26,527	13	344,851	72	248,293	* 9 25	245,315	2,918	.....
Vermilion.....	24,091	14	337,274	70	236,092	* 8 25	198,751	37,341	.....
Wabash.....	21,290	14	298,060	73	217,584	10 05	213,964	3,620	.....
Warren.....	2,861	18	51,498	70	36,049	11 45	32,758	3,291	.....
Washington.....	76,033	9	684,297	75	513,223	8 35	634,878	.....	121,652
Wayne.....	10,464	3	31,392	75	23,544	7 75	81,096	.....	57,552
White.....	34,089	14	477,246	72	343,617	7 60	293,165	49,452	.....
Whiteside.....	997	*18	17,946	75	13,459	9 80	9,771	3,688	.....
Will.....	3,063	12	36,756	*84	30,875	9 55	29,252	1,623	.....
Williamson.....	14,039	13	182,507	72	131,405	8 00	112,312	19,093	.....
Winnebago.....	625	15	9,375	*75	7,031	9 80	6,125	906	.....
Woodford.....	8,946	16	127,136	60	76,282	9 30	73,898	2,314	.....
Total or average.	2,178,964	15	32,722,150	\$0 70	\$23,004,899	\$9 45	\$20,627,761	\$4,625,562	\$2,248,424

*Estimated.

†Estimated same as in 1887.

SPRING WHEAT.

COUNTIES.	Acreage 1888 re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams.....	0	*16	96	*\$ 70	\$67	*\$8 45	\$51	\$16	
Alexander.....	36	*16	546	*70	382	12 50	450		\$68
Bond.....									
Boone.....	1,799	17	30,583	*70	21,408	8 70	15,651	5,757	
Brown.....	23	20	460	*70	322	*9 20	212	110	
Bureau.....	9,462	20	189,240	70	132,468	10 60	100,297	32,171	
Calhoun.....									
Carroll.....	3,063	*16	49,008	*70	34,306	9 45	28,945	5,361	
Cass.....	273	*16	4,368	*70	3,058	10 45	2,853	205	
Champaign.....	161	*16	2,576	*70	1,805	9 15	1,473	330	
Christian.....	719	14	10,066	65	6,543	10 60	7,621		10 78
Clark.....									
Clay.....									
Clinton.....									
Coles.....	25	*16	400	*70	280	9 30	232	48	
Cook.....	2,681	17	45,577	*70	31,904	10 35	27,748	4,156	
Crawford.....	30	*16	480	*70	336	7 15	314	122	
Cumberland.....									
DeKalb.....	5,306	15	79,590	76	60,488	8 60	45,632	14,856	
DeWitt.....	183	18	3,294	*70	2,306	9 45	1,729	577	
Douglas.....	109	*16	1,744	*70	1,221	8 80	959	262	
DuPage.....	2,097	18	37,745	*70	26,422	9 75	20,446	5,976	
Edgar.....	30	*16	180	*70	126	7 80	234		108
Edwards.....									
Effingham.....									
Fayette.....									
Ford.....	64	*16	1,024	*70	717	6 75	432	285	
Franklin.....									
Fulton.....	1,305	12	15,660	*70	10,962	10 10	13,180		2,218
Gallatin.....	48	*16	768	*70	538	8 55	410	128	
Greene.....									
Grundy.....	167	*16	2,672	*70	1,870	11 75	1,962		92
Hamilton.....	12	*16	192	*70	134	9 55	79	55	
Hancock.....	141	*16	2,256	*70	1,579	9 70	1,368	211	
Hardin.....	66	*16	1,056	*70	739	9 20	607	152	
Henderson.....	637	15	9,545	*70	6,688	12 25	7,803		1,115
Henry.....	5,017	11	55,187	*70	38,631	9 05	45,404		6,773
Iroquois.....	364	15	5,460	*70	3,822	8 80	3,203	619	
Jackson.....	190	*16	3,040	*70	2,128	9 45	1,795	333	
Jasper.....	23	*16	368	*70	258	7 60	175	83	
Jefferson.....									
Jersey.....									
JoDavies.....	1,924	20	38,480	75	28,860	11 40	21,934	6,926	
Johnson.....	317	*16	5,072	*70	3,550	8 75	22,774	776	
Kane.....	983	*16	15,728	*70	11,010	12 25	12,042		1,032
Kankakee.....	584	*16	9,344	*70	6,541	13 70	8,001		1,400
Kendall.....	1,175	20	23,500	70	16,450	*10 95	12,866	3,584	
Knox.....	1,445	15	21,675	67	14,523	10 05	14,522		
Lake.....	3,807	20	76,140	81	61,673	*10 40	39,595	22,080	
LaSalle.....	6,232	17	105,944	70	74,161	12 55	78,212		4,051
Lawrence.....									
Lee.....	8,824	16	141,184	70	98,829	8 95	77,975	20,854	

SPRING WHEAT—Continued.

COUNTIES.	Acreage 1888 re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston.....	944	*16	15,104	72	10,875	7 85	7,410	3,465	.....
Logan.....	376	*16	6,016	*70	4,211	9 85	3,704	507	.....
Macon.....	19	15	285	*70	199	10 65	202	.....	3
Macoupin.....	15	*16	240	*70	168	8 35	125	43	.....
Madison.....	35	*16	560	*70	392	10 35	362	30	.....
Marion.....									
Marshall.....	1,002	12	12,024	70	8,417	9 60	9,619		1,202
Mason.....	49	20	1,470	68	1,000	9 55	468	532	.....
Massac.....									
McDonough.....	901	10	9,010	*70	6,307	10 60	9,551		3,244
McHenry.....	4,117	25	102,925	*70	72,047	10 50	43,228	28,819	.....
McLean.....	631	20	12,640	*70	8,848	11 15	7,047	1,801	.....
Menard.....									
Mercer.....	2,279	13	29,627	*70	20,739	9 40	21,423		684
Monroe.....									
Montgomery.....	15	*16	240	*70	168	8 85	133	35	.....
Morgan.....	98	*16	1,568	*70	1,098	10 75	1,053	45	.....
Moultrie.....									
Ogle.....	5,524	15	82,860	70	58,002	11 15	61,593		3,591
Peoria.....	314	*16	5,024	*70	3,517	10 55	3,313	204	.....
Perry.....									
Piatt.....	43	*16	688	*70	482	9 65	415	67	.....
Pike.....	20	*16	320	*70	224	10 80	216	8	.....
Pope.....	†77	*16	1,232	*70	862	6 65	512	350	.....
Pulaski.....									
Putnam.....	1,636	*16	26,176	*70	18,323	10 30	16,851	1,472	.....
Randolph.....									
Richland.....	12	*16	192	*70	134	9 50	114	20	.....
Rock Island.....	1,791	16	28,656	60	17,194	11 80	21,134		3,940
Saline.....	10	*16	160	*70	112	8 80	88	24	.....
Sangamon.....	1,368	*16	21,888	*70	15,322	12 50	17,100		1,778
Schuyler.....	76	*16	1,216	*70	851	7 25	551	300	.....
Scott.....	25	*16	400	*70	280	10 95	275	6	.....
Shelby.....	325	*16	5,200	*70	3,640	6 75	2,194	1,446	.....
Stark.....	1,291	10	12,910	*70	9,037	12 65	16,331		7,294
St. Clair.....	67	*16	1,072	*70	750	*9 65	646	104	.....
Stephenson.....	4,930	13	64,090	67	42,940	11 00	54,230		11,290
Tazewell.....	645	*16	10,320	*70	7,224	8 30	5,353	1,871	.....
Union.....									
Vermillion.....	44	*16	704	*70	493	*8 25	363	130	.....
Wabash.....									
Warren.....	1,126	15	16,890	65	10,978	11 45	12,893		1,915
Washington.....									
Wayne.....	7	*16	112	*70	78	7 75	54	24	.....
White.....	6	*16	96	*70	67	8 60	52	15	.....
Whiteside.....	5,710	*16	91,360	70	63,952	9 80	55,958	7,994	.....
Will.....	500	15	7,500	*70	5,250	9 55	4,775	475	.....
Williamson.....	14	*16	224	*70	157	8 00	112	45	.....
Winnebago.....	2,093	13	27,209	65	17,586	9 80	20,511		2,825
Woodford.....	573	11	6,303	*70	4,412	9 30	5,329		917
Total or average.	98,037	16	1,595,770	\$0 70	\$1,123,538	\$10 25	\$1,204,37	\$1,175,845	\$56.678

*Estimated.

†Estimated same as in 1887.

OATS.

COUNTIES.	Acreage, 1888, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams	34,781	35	1,217,335	\$0 25	304 334	*\$8 15	\$283,465	\$20,869	.....
Alexander	1,540	45	69,300	30	20,790	9 05	13,937	6,853	.....
Bond	27,502	33	907,566	20	181,513	8 30	282,267	.....	\$46,754
Boone	28,769	39	1,121,991	40	448,796	8 70	250,290	198,506	.....
Brown	7,826	30	234,780	29	68,086	*8 90	69,651	.....	1,565
Bureau	65,976	65	4,288,440	24	1,029,226	10 85	715,840	313,386	.....
Calhoun	3,201	40	128,040	28	35,851	13 45	43,053	.....	7,202
Carroll	34,557	*48	1,658,736	*24	398,097	9 00	311,013	87,084	.....
Cass	15,295	33	504,735	*25	126,184	9 00	137,655	.....	11,471
Champaign	110,379	38	4,194,402	21	880,824	9 45	1,043,081	.....	162,257
Christian	34,289	34	1,165,826	21	244,824	10 60	363,463	.....	118,639
Clark	18,791	28	526,148	20	105,230	9 25	173,817	.....	68,587
Clay	30,556	24	733,344	20	146,669	6 85	209,309	.....	62,640
Clinton	47,562	27	1,284,174	20	256,835	11 50	546,963	.....	290,128
Coles	17,188	45	773,460	19	146,957	8 55	146,957	.....	.....
Cook	62,346	40	2,493,840	25	623,460	9 85	614,108	9,352	.....
Crawford	13,504	24	224,096	20	64,819	6 90	93,178	.....	28,359
Cumberland	25,856	57	1,473,792	20	294,758	6 10	157,722	137,036	.....
DeKalb	63,812	50	3,190,6 0	35	1,116,710	10 05	641,311	475,399	.....
DeWitt	24,496	36	1,529,856	20	305,971	9 30	395,213	.....	89,242
Douglas	25,837	46	1,188,502	20	237,700	9 55	246,743	.....	9,043
DuPage	36,590	45	1,646,550	33	543,361	9 80	358,582	184,779	.....
Edgar	31,430	41	1,288,630	21	270,612	8 35	262,440	8,172	.....
Edwards	12,578	22	276,716	22	60,877	*8 00	100,624	.....	39,747
Effingham	44,243	20	884,860	23	203,515	8 25	385,005	.....	161,437
Fayette	46,425	27	1,253,475	20	250,695	7 15	331,939	.....	81,244
Ford	57,830	50	2,891,500	21	607,215	8 20	474,206	133,009	.....
Franklin	15,368	40	614,720	*22	135,238	7 25	111,418	23,820	.....
Fulton	39,955	46	1,837,930	22	404,345	10 50	419,527	.....	15,182
Gallatin	*2,680	37	99,160	18	17,849	*8 85	23,718	.....	5,869
Greene	10,345	41	424,145	20	84,829	10 55	109,140	.....	24,311
Grundy	40,479	67	2,712,093	21	569,539	10 40	420,982	148,557	.....
Hamilton	18,588	28	517,664	20	103,522	8 45	156,224	.....	52,691
Hancock	59,590	37	2,204,830	25	551,207	9 30	654,187	.....	2,980
Hardin	3,444	40	137,760	16	12,042	9 00	30,996	.....	8,954
Henderson	27,814	35	973,490	25	243,372	12 15	337,940	.....	94,568
Henry	78,063	37	2,888,701	22	635,514	9 20	718,272	.....	82,758
Iroquois	109,187	40	4,367,480	20	874,496	8 10	884,415	.....	10,919
Jackson	9,342	47	439,074	25	109,768	8 70	81,275	28,493	.....
Jasper	29,594	24	710,256	21	149,154	6 30	186,442	.....	37,288
Jefferson	42,080	22	925,760	25	151,440	8 15	342,552	.....	111,512
Jersey	*10,857	45	488,565	*23	112,370	7 15	77,627	34,743	.....
JoDavies	37,251	40	1,490,040	20	298,008	11 10	413,486	.....	115,478
Johnson	5,164	35	184,240	25	46,070	8 35	43,954	2,106	.....
Kane	33,946	47	1,595,462	23	366,956	13 75	466,747	.....	99,791
Kankakee	60,202	50	3,010,100	25	752,525	9 40	565,899	186,626	.....
Kendall	48,289	42	1,692,138	23	389,192	10 15	408,933	.....	19,741
Knox	60,344	56	3,379,264	22	743,438	10 00	603,440	139,998	.....
Lake	32,234	45	1,450,575	34	493,195	*10 15	329,185	166,010	.....
LaSalle	120,710	39	4,707,490	28	1,318,153	12 35	1,490,768	.....	172,615
Lawrence	14,308	31	443,548	*22	97,580	8 30	11,756	.....	21,176
Lee	59,402	36	2,134,872	25	533,719	8 55	507,032	26,686	.....

OATS—Continued.

COUNTIES.	Acreage, 1888, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston.....	137,532	42	5,776,344	25	1,444,086	8 60	1,182,775	261,311	.....
Logan.....	57,296	35	2,005,360	*22	441,179	9 25	529,988	.....	88,809
Macon.....	48,665	46	2,238,590	20	447,718	9 65	469,617	.....	21,899
Macoupin.....	32,679	33	1,078,407	*24	258,818	7 75	253,262	5,556	.....
Madison.....	41,369	40	1,654,760	22	364,037	8 90	368,184	.....	4,137
Marion.....	36,504	24	876,096	24	210,263	8 20	299,333	.....	89,070
Marshall.....	44,957	42	1,888,194	25	434,285	10 10	454,066	.....	19,781
Mason.....	23,627	34	803,318	26	208,862	10 05	237,451	.....	28,599
Massac.....	3,145	50	157,250	*30	47,175	7 20	22,644	24,531	.....
McDonough.....	36,016	30	1,080,480	*24	259,315	9 70	349,355	.....	90,040
McHenry.....	40,985	50	2,049,250	*31	635,267	10 50	430,342	204,925	.....
McLean.....	134,271	40	5,370,840	23	1,235,293	11 10	1,490,408	.....	255,115
Menard.....	20,550	40	822,000	20	164,400	9 90	203,445	.....	39,045
Mercer.....	39,223	37	1,451,251	29	420,863	9 65	378,502	42,361	.....
Monroe.....	14,817	*38	563,046	*19	106,979	9 85	145,947	.....	38,968
Montgom'y.....	45,788	35	1,602,580	20	320,516	7 65	450,278	.....	29,762
Morgan.....	24,413	34	830,008	30	249,902	11 50	281,738	.....	32,736
Moultrie.....	20,881	36	751,716	21	157,860	8 40	175,400	.....	17,540
Ogle.....	83,810	65	5,447,650	*30	1,634,295	10 70	896,767	737,528	.....
Peoria.....	44,089	42	1,851,738	25	462,944	11 75	518,045	.....	55,111
Perry.....	6,733	30	203,190	25	50,797	8 05	54,523	.....	3,726
Piatt.....	38,177	35	1,336,195	*21	280,601	9 80	374,135	.....	93,534
Pike.....	12,918	35	452,130	*26	117,554	*10 25	132,409	.....	14,855
Pope.....	*7,577	30	227,310	*21	47,735	7 00	56,0 9	.....	6,304
Pulaski.....	12,798	33	92,334	35	32,317	6 85	19,366	13,151	.....
Putnam.....	12,956	*49	634,844	*25	158,711	9 20	119,195	39,516	.....
Randolph.....	27,305	42	1,146,810	18	206,426	7 70	210,248	.....	3,822
Richland.....	27,184	20	543,680	25	135,920	8 70	236,501	.....	100,581
Rock Island.....	23,883	40	955,310	25	238,830	8 65	206,588	32,242	.....
Saline.....	12,514	*35	437,990	15	65,698	8 10	101,363	.....	35,665
Sangamon.....	36,676	30	1,100,280	20	220,056	11 85	434,611	.....	214,555
Schuyler.....	11,684	35	408,940	25	102,235	7 05	82,372	19,863	.....
Scott.....	2,156	35	75,460	*25	18,865	10 30	22,207	.....	3,342
Shelby.....	41,208	42	1,730,736	19	328,840	4 85	199,859	128,981	.....
Stark.....	38,100	40	1,524,000	27	411,480	12 70	483,870	.....	72,390
St. Clair.....	42,866	35	1,500,310	*20	390,062	*9 15	392,224	.....	92,162
Stephenson.....	53,014	38	2,014,532	30	604,366	11 10	588,455	15,905	.....
Tazewell.....	54,889	43	2,360,227	25	590,057	8 85	485,768	104,289	.....
Union.....	9,211	30	276,330	30	82,899	*8 25	75,991	6,908	.....
Vermilion.....	64,539	47	3,033,333	19	576,333	*8 75	564,716	11,617	.....
Wabash.....	9,136	25	228,400	21	47,964	8 65	79,026	.....	31,062
Warren.....	52,164	36	1,877,904	25	469,476	10 85	565,979	.....	96,503
Washington.....	53,609	35	1,876,315	21	394,026	7 85	420,831	.....	26,805
Wayne.....	30,165	27	814,455	22	179,180	6 75	203,614	.....	24,424
White.....	16,963	30	508,890	19	96,589	7 95	134,856	.....	38,167
Whiteside.....	39,822	*48	1,911,456	22	420,520	10 00	498,220	22,300	.....
Will.....	104,787	36	3,772,332	*25	943,083	9 30	974,519	.....	31,436
Williamson.....	15,433	37	571,022	20	114,204	8 25	127,322	.....	13,118
Winnebago.....	55,711	30	1,671,330	29	484,686	8 45	470,658	13,928	.....
Woodford.....	72,690	40	2,907,600	27	785,052	9 45	682,920	102,132	.....
Total or av....	3,809,830	40	151,172,783	\$0 24	\$36,264,246	\$9 40	\$35,911,979	\$4,118,528	\$3,766,261

*Estimated.

†Estimated same as in 1887.

WINTER RYE.

COUNTIES.	Acreage, 1888, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams.....	1,514	18	27,252	*\$0 45	\$12,263	*\$8 10	\$12,263		
Alexander.....	1	*30	30	*45	13	11 25	11	\$2	
Bond.....	541	11	5,951	*45	2,678	7 60	4,112		\$1,434
Boone.....	4,765	22	104,830	30	31,449	8 05	38,358		6,909
Brown.....	434	15	6,520	*45	2,929	*7 35	3,190		261
Bureau.....	10,152	22	223,344	44	98,271	10 35	105,073		18,802
Calhoun.....									
Carroll.....	11,412	*21	239,652	45	107,843	10 15	115,832		7,989
Cass.....	477	17	8,109	*45	3,649	7 15	3,410	239	
Champaign.....	1,995	17	33,915	*45	15,262	9 30	18,558		3,296
Christian.....	396	21	8,316	40	3,326	10 05	3,980		654
Clark.....	712	12	8,544	*45	3,845	8 85	6,301		2,456
Clay.....	79	8	632	65	411	7 30	577		166
Clinton.....	331	*12	3,972	*45	1,787	12 15	4,022		2,235
Coles.....	235	*13	3,055	*45	1,375	*7 20	1,691		316
Cook.....	2,318	25	57,950	40	23,180	10 00	23,180		
Crawford.....	158	8	1,264	*45	569	7 55	1,193		624
Cumberland.....	619	10	6,190	52	3,219	*7 15	4,426		1,207
DeKalb.....	7,144	27	192,988	47	90,657	9 65	68,940	21,717	
DeWitt.....	803	22	17,666	40	7,066	9 10	7,307		241
Douglas.....	185	14	2,590	*45	1,165	8 35	1,545		380
DuPage.....	6,089	30	182,670	44	80,375	10 35	63,021	27,354	
Edgar.....	600	10	6,000	40	2,400	8 15	4,890		2,490
Edwards.....	30	*8	240	*45	108	*7 45	223		115
Efingham.....	746	7	5,222	40	2,089	8 25	6,154		4,065
Fayette.....	779	7	5,453	45	2,454	*7 75	6,037		3,583
Ford.....	1,942	18	34,956	40	13,982	6 45	12,526	1,456	
Franklin.....	45	*13	585	*45	262	*8 25	371		108
Fulton.....	4,021	20	80,420	41	32,972	8 80	35,385		2,413
Gallatin.....	19	*12	108	*45	49	*9 90	89		40
Greene.....	255	15	3,825	*45	1,721	*9 30	2,371		650
Grundy.....	1,574	*25	39,350	40	15,740	10 35	16,291		551
Hamilton.....	166	8	1,328	*45	598	9 40	1,560		962
Hancock.....	2,207	16	35,312	40	14,125	9 45	20,856		6,731
Hardin.....	21	*13	273	*45	123	12 75	268		145
Henderson.....	5,062	11	55,682	*45	25,057	10 30	52,139		27,082
Henry.....	14,906	21	313,026	40	125,210	9 35	139,371		14,161
Iroquois.....	4,665	18	83,970	40	33,588	8 10	37,786		4,198
Jackson.....	143	*19	2,717	*45	1,223	*7 45	1,065	158	
Jasper.....	303	10	3,030	40	1,212	6 90	2,091		879
Jefferson.....	123	11	1,353	*45	609	9 05	1,113		504
Jersey.....	*33	*16	528	*45	238	7 15	236	2	
JoDavies.....	6,212	30	186,360	35	65,226	11 00	68,332		3,106
Johnson.....	34	18	612	*45	275	7 30	248	27	
Kane.....	9,063	29	262,827	46	120,900	13 75	124,616		3,716
Kankakee.....	7,000	25	175,000	45	78,750	12 30	86,100		7,350
Kendall.....	6,820	29	197,780	41	81,090	9 35	63,817	17,273	
Knox.....	5,568	19	105,792	50	52,896	9 85	54,845		1,949
Lake.....	1,744	25	43,600	55	23,980	*10 25	17,876	6,104	
LaSalle.....	2,712	22	59,664	45	26,849	8 55	23,188	3,661	
Lawrence.....	300	*7	2,100	*45	945	8 05	2,415		1,470
Lee.....	8,337	20	166,740	43	71,698	8 60	71,698		

WINTER RYE—Continued.

COUNTIES.	Acreage, 1888, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston	3,342	*21	70,182	50	35,091	8 55	28,574	6,517	.....
Logan	467	28	13,104	*45	5,897	5 60	2,621	3,276	.....
Macon	807	*20	16,140	*45	7,263	8 10	6,537	726	.....
Macoupin	393	*18	7,074	*45	3,183	*8 65	3,399	.....	216
Madison	398	*16	4,928	*45	2,218	8 80	2,170	.....	492
Marion	335	12	4,020	*45	1,809	6 50	2,711	.....	368
Marshall	1,014	18	18,252	63	11,499	9 60	9,735	1,764	.....
Mason	1,167	22	25,674	50	12,837	8 45	9,861	2,976	.....
Massac	115	*18	2,070	*45	931	7 80	887	34	.....
McDonough	1,551	15	23,265	*45	10,469	10 60	16,441	.....	5,972
McHenry	5,550	27	149,850	*45	77,432	10 50	58,275	9,157	.....
McLean	2,889	25	72,225	*45	32,501	10 20	29,468	3,033	.....
Menard	700	*22	15,400	*45	6,930	9 45	6,615	315	.....
Mercer	8,674	18	156,132	42	65,575	9 45	81,969	.....	16,394
Monroe	221	*17	3,757	*45	1,691	*6 35	1,403	288	.....
Montgomery	547	22	12,034	55	6,619	7 80	4,267	2,352	.....
Morgan	229	17	3,893	35	1,362	*8 50	1,946	.....	584
Moultrie	214	20	4,280	*45	1,926	7 05	1,509	417	.....
Ogle	15,343	18	276,174	*45	124,278	10 60	162,636	.....	38,358
Peoria	2,456	23	56,488	45	25,420	9 45	23,209	2,211	.....
Perry	19	18	342	50	171	6 80	129	42	.....
Platt	623	16	9,968	*45	4,486	*8 55	5,327	.....	841
Pike	414	*21	8,694	*45	3,912	*9 05	3,747	165	.....
Pope	49	*16	144	*45	65	*8 75	79	.....	14
Pulaski	138	*24	912	*45	410	*8 80	334	76	.....
Putnam	999	20	19,980	*45	8,991	8 75	8,741	250	.....
Randolph	230	*17	3,910	*45	1,749	6 35	1,460	299	.....
Richland	503	7	3,521	40	1,408	8 55	4,301	.....	2,893
Rock Island	6,153	18	110,754	40	44,302	8 85	54,454	.....	10,152
Saline	85	*14	1,190	*45	535	7 60	646	.....	111
Sangamon	666	*21	13,986	*45	6,294	10 15	6,760	.....	466
Schuyler	857	14	11,998	60	7,199	6 80	5,828	1,371	.....
Scott	79	25	1,975	*45	889	*8 90	703	186	.....
Shelby	714	13	9,282	40	3,713	4 60	3,284	429	.....
Stark	2,426	24	58,224	40	23,290	12 10	29,355	.....	6,065
St. Clair	218	*15	3,270	*45	1,471	*8 35	1,820	.....	349
Stephenson	19,943	19	378,974	45	170,538	11 10	221,401	.....	50,863
Tazewell	653	30	19,590	*45	8,815	8 85	5,844	2,971	.....
Union	33	30	990	65	643	*8 60	284	359	.....
Vermilion	1,129	20	22,580	40	9,032	*8 20	9,259	.....	226
Wabash	41	*7	287	*45	129	*8 00	328	.....	199
Warren	3,639	19	69,141	40	27,656	11 25	40,939	.....	13,283
Washington	668	17	11,356	*45	5,110	8 10	5,411	.....	301
Wayne	136	3	408	*45	184	6 35	864	.....	680
White	224	15	3,360	*45	1,512	*8 15	1,816	.....	314
Whiteside	22,718	17	386,206	38	146,759	9 70	220,365	.....	73,506
Will	9,067	27	244,809	49	119,956	9 40	85,230	.....	34,726
Williamson	172	15	2,580	*45	1,161	8 35	1,436	.....	275
Winnebago	20,250	19	384,750	45	173,137	9 45	191,362	.....	18,225
Woodford	1,686	15	25,290	*45	11,380	9 35	15,764	.....	4,584
Total or average...	276,498	21	5,752,596	\$0 43	\$2,497,540	\$9 50	\$2,722,476	\$151,932	\$376,769

*Estimated.

†Estimated same as in 1887.

BARLEY.

COUNTIES.	Acreage, 1888, returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Adams.....	41	*26	1,066	*\$0 42	\$488	*\$9 40	\$385	\$63	.....
Alexander.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bond.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boone.....	2,885	25	72,125	*42	30,292	8 85	25,532	4,760	.....
Brown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bureau.....	1,919	20	38,380	48	18,422	10 60	20,541	.....	\$1,919
Calhoun.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carroll.....	1,639	*26	42,614	*42	17,898	9 10	14,915	2,983	.....
Cass.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Champaign.....	68	*26	1,768	*42	742	8 80	598	144	.....
Christian.....	51	30	1,530	60	918	*9 40	479	439	.....
Clark.....	50	*26	1,300	*42	546	*9 40	470	76	.....
Clay.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clinton.....	18	*26	468	*42	196	*9 40	169	27	.....
Coles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cook.....	341	25	8,525	45	3,836	10 55	3,597	239	.....
Crawford.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cumberland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
DeKalb.....	1,198	30	35,940	32	11,501	7 40	8,765	2,636	.....
DeWitt.....	6	8	48	*42	20	*9 40	56	.....	36
Douglas.....	2	*26	52	*42	22	*9 40	19	3	.....
DuPage.....	363	40	14,520	*42	6,098	10 60	3,848	2,250	.....
Edgar.....	162	*26	4,212	*42	1,769	*9 40	1,523	245	.....
Edwards.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Effingham.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fayette.....	2	*26	52	*42	22	*9 40	19	3	.....
Ford.....	57	*26	1,482	*42	622	*9 40	536	86	.....
Franklin.....	1	*26	26	*42	11	*9 40	9	2	.....
Fulton.....	87	*26	2,262	*42	950	*9 40	818	132	.....
Gallatin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greene.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grundy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hancock.....	65	*26	1,690	*42	710	*9 40	611	99	.....
Hardin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Henderson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Henry.....	2,390	37	88,430	37	32,719	9 45	22,585	10,134	.....
Iroquois.....	106	*26	2,756	*42	1,157	*9 40	996	161	.....
Jackson.....	18	*26	468	*42	196	*9 40	169	27	.....
Jasper.....	87	*26	2,262	*42	950	*9 40	818	132	.....
Jefferson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jersey.....	114	*26	364	*42	153	*9 40	132	21	.....
JoDavies.....	860	30	25,800	*42	10,836	11 10	9,546	1,290	.....
Johnson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kane.....	487	*26	12,662	*42	5,318	13 75	6,696	.....	13 78
Kankakee.....	34	*26	884	*42	371	*9 40	420	51	.....
Kendall.....	30	*26	780	*42	328	*9 40	282	46	.....
Knox.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lake.....	1,523	35	53,305	54	28,785	*9 40	14,316	14,469	.....
LaSalle.....	237	*26	6,162	*42	2,588	8 25	1,955	633	.....
Lawrence.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lee.....	49	30	1,470	*42	617	8 05	394	223	.....

BARLEY—Continued.

COUNTIES.	Acreage, 1888, returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Livingston.....									
Logan.....									
Macon.....									
Macoupin.....	13	*26	338	*42	142	*9 40	122	20	
Madison.....	108	38	4,104	*42	1,714	*9 40	1,015	709	
Marion.....	4	*26	104	*42	44	*9 40	38	6	
Marshall.....	61	*26	1,586	*42	666	9 05	552	114	
Mason.....									
Massac.....									
McDonough.....									
McHenry.....	5,067	32	162,144	45	72,965	10 50	53,203	19,762	
McLean.....	25	26	650	*42	273	11 05	276		3
Menard.....	200	*26	5,200	*42	2,184	*9 40	1,880	304	
Mercer.....	48	*26	1,248	*42	524	*9 40	451	73	
Monroe.....	96	*26	2,496	*42	1,048	*9 40	902	146	
Montgomery.....	79	*26	2,054	25	513	*9 40	743		230
Morgan.....	160	*26	4 160	*42	1,747	*9 40	1,504	243	
Moultrie.....									
Ogle.....	4,826	20	96,520	27	26,060	10 90	52,603		26,643
Peoria.....	63	*26	1,638	*42	688	*9 40	592	96	
Perry.....									
Piatt.....									
Pike.....									
Pope.....	*1	*26	26	*42	11	9 40	9	2	
Pulaski.....									
Putnam.....									
Randolph.....	38	25	950	*42	399	6 75	256	143	
Richland.....									
Rock Island.....	520	*26	13,520	*42	5,678	9 75	5,070	608	
Saline.....									
Sangamon.....	20	*26	520	*42	218	9 10	182	36	
Schuyler.....	2	*26	52	*42	22	5 30	11	11	
Scott.....									
Shelby.....	29	19	551	55	303	*9 40	273	30	
Stark.....	56	*26	1,456	*42	611	12 10	678		67
St. Clair.....	906	*26	23,556	*42	9,893	*9 40	9,516	1,377	
Stephenson.....	7,407	22	162,954	43	70,070	11 60	85,921	15,851	
Tazewell.....	183	*26	4,758	*42	1,998	8 25	1,510	488	
Union.....	10	*26	260	*42	109	9 40	94	15	
Vermilion.....	16	*26	416	*42	175	*9 40	150	25	
Wabash.....									
Warren.....	21	*26	546	*42	229	9 70	204	25	
Washington.....	67	*26	1,741	*42	732	*9 40	630	102	
Wayne.....	10	*26	260	*42	109	*9 40	94	15	
White.....									
Whiteside.....	264	*26	6,864	*42	2,883	8 75	2,310	573	
Will.....	91	24	2,184	27	500	9 10	825		238
Williamson.....									
Winnebago.....	2,102	26	54,652	42	2,954	8 75	18,392	4,562	
Woodford.....	27	15	405	50	202	10 30	278		75
Total or average.....	37,310	26	981,317	\$0 41	\$404,805	\$10 20	\$380,286	\$70,860	\$46,341

*Estimated.

†Estimated same as in 1887.

HAY.

COUNTIES.	Acreage, 1888, re- turned by As- sessors.	Yield per acre in tons.	Total yield in tons	Price per ton.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams.....	35,851	1½	47,881	\$8 00	\$381,408	*\$6 55	\$234,824	\$147,584	
Alexander.....	1,672	1¾	2,926	7 50	21,945	8 15	13,627	8,318	
Bond.....	14,733	1¾	18,416	6 00	110,496	5 75	84,715	26,781	
Boone.....	22,523	1½	33,784	6 00	202,704	9 00	202,707		\$3
Brown.....	18,014	1¾	31,524	8 65	282,683	*7 35	132,403	140,280	
Bureau.....	72,615	1½	120,859	6 30	761,412	8 55	620,003	141,409	
Calhoun.....	3,239	1	3,239	9 50	20,770	8 50	27,531		6,761
Carroll.....	32,217	1¾	56,380	6 00	338,280	8 45	272,234	66,046	
Cass.....	6,449	1½	9,673	6 50	62,874	8 60	55,461	7,413	
Champaign.....	43,105	1½	64,657	7 00	452,599	6 85	205,269	157,330	
Christian.....	47,165	1½	78,609	5 00	393,845	7 25	341,946	51,099	
Clark.....	20,866	1	20,866	5 75	119,979	7 05	147,105		27,126
Clay.....	24,745	1½	12,372	7 60	94,027	4 90	121,250		27,223
Clinton.....	20,175	1½	30,262	8 00	242,096	8 15	164,426	77,670	
Coles.....	14,839	1¾	18,549	7 85	127,079	6 15	91,260	35,819	
Cook.....	48,231	1¾	60,289	7 65	461,211	6 25	301,444	159,767	
Crawford.....	18,025	1½	24,033	5 30	127,375	6 25	112,656	14,719	
Cumberland.....	17,309	1¾	25,963	5 75	149,287	3 70	64,043	85,244	
DeKalb.....	64,986	2	129,972	9 00	1,169,748	7 25	471,138	698,600	
DeWitt.....	14,762	1¾	24,604	6 25	153,775	6 75	99,643	54,132	
Douglas.....	21,903	1½	32,854	6 50	213,551	7 00	153,321	60,230	
DuPage.....	39,037	1½	58,555	8 00	468,440	7 50	292,777	175,663	
Edgar.....	35,232	1¾	44,041	6 60	290,671	6 70	286,054	54,617	
Edwards.....	11,718	¾	8,788	7 50	65,910	*6 05	70,894		4,984
Effingham.....	25,198	1	25,198	6 25	157,497	4 35	109,611	47,876	
Fayette.....	31,494	1¾	39,367	6 00	236,202	6 95	218,883	17,319	
Ford.....	38,137	1¾	47,671	5 50	262,190	5 40	205,940	56,250	
Franklin.....	7,172	1½	3,586	*8 00	28,688	5 65	40,522		11,834
Fulton.....	34,651	1½	51,976	7 55	392,419	6 60	228,697	163,722	
Gallatin.....	15,027	1¾	8,797	11 00	96,757	12 00	60,324	36,443	
Greene.....	19,054	2¼	42,371	8 00	338,968	9 75	185,776	153,192	
Grundy.....	35,451	1½	53,176	6 50	345,644	6 55	232,204	113,440	
Hamilton.....	12,920	1	12,920	7 35	94,962	7 45	96,254		1,292
Hancock.....	55,612	1½	83,418	6 50	542,217	5 95	330,891	211,326	
Hardin.....	3,175	1½	4,762	12 00	56,904	10 10	32,067	24,837	
Henderson.....	17,428	1½	26,142	5 00	130,710	6 70	116,767	13,942	
Henry.....	67,318	1½	100,977	5 40	545,276	5 95	400,542	144,734	
Iroquois.....	89,364	1¾	119,152	5 50	655,336	4 55	406,606	248,730	
Jackson.....	9,961	2	19,922	8 00	159,376	9 55	95,127	64,249	
Jasper.....	22,093	1	22,893	5 00	110,465	4 10	90,581	19,884	
Jefferson.....	26,701	¾	17,134	7 80	133,645	5 45	140,070		6,425
Jersey.....	114,337	1¾	25,125	7 50	188,437	6 75	96,910	91,527	
JoDavies.....	44,995	1½	59,993	6 50	389,957	7 40	332,963	56,991	
Johnson.....	4,494	¾	3,370	11 00	37,070	6 20	27,863	9,207	
Kane.....	45,655	1½	68,482	8 35	571,825	8 25	376,634	195,171	
Kankakee.....	74,519	1¾	130,408	6 65	867,213	*6 00	447,114	420,099	
Kendall.....	27,126	1¾	40,689	6 50	264,478	9 40	254,984	9,494	
Knox.....	51,868	1½	86,446	6 75	583,510	8 50	440,878	142,632	
Lake.....	52,996	1½	79,494	6 00	476,964	*5 10	270,280	206,684	
LaSalle.....	88,915	1½	134,872	6 50	876,668	7 55	678,858	197,810	
Lawrence.....	17,983	1	17,984	8 65	155,533	5 60	100,705	54,848	
Lee.....	67,832	1¾	118,706	5 65	670,589	7 00	474,824	195,865	

HAY—Continued.

COUNTIES.	Acreage, 1888, re- turned by As- sessors.	Yield per acre in tons.	Total yield in tons	Price per ton.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston...	74,278	1½	111,417	6 00	668,502	6 25	464,237	204,265	-----
Logan.....	17,229	1½	22,960	7 50	172,200	5 05	86,961	85,239	-----
Macon.....	18,607	1½	31,011	6 75	209,324	9 95	185,140	24,184	-----
Macoupin.....	64,931	1	64,937	5 50	357,153	7 00	454,559	-----	97,406
Madison.....	23,327	1½	42,490	9 25	393,032	7 65	216,702	176,330	-----
Marion.....	38,300	¾	28,725	6 65	191,021	6 20	237,460	-----	46,439
Marshall.....	20,406	1¾	35,711	6 00	214,266	8 25	163,349	45,917	-----
Mason.....	6,742	1½	11,237	6 75	75,850	8 35	56,296	19,554	-----
Massac.....	5,577	2	11,154	12 00	133,848	6 45	35,972	97,876	-----
McDonough.....	18,410	1½	27,615	5 00	138,075	10 25	188,702	-----	50,627
McHenry.....	64,493	1½	96,739	8 00	773,912	4 50	290,218	483,694	-----
McLean.....	58,988	1½	88,482	5 50	486,651	7 45	439,461	47,190	-----
Menard.....	15,850	1½	21,133	6 00	126,798	7 95	126,007	791	-----
Mercer.....	41,135	1½	68,558	5 00	342,790	6 70	275,604	67,186	-----
Monroe.....	9,147	*1½	13,720	11*00	150,920	8 70	79,579	71,341	-----
Montgomery.....	37,837	1½	56,755	5 35	303,639	6 00	227,022	76,617	-----
Morgan.....	16,313	1¾	28,548	6 10	174,143	7 00	114,191	59,952	-----
Moultrie.....	9,700	1½	14,550	5 85	85,117	5 35	51,895	33,222	-----
Ogle.....	95,819	1¾	167,683	5 00	838,415	8 45	809,670	28,745	-----
Peoria.....	25,722	1¾	32,152	9 00	289,368	9 80	252,076	37,292	-----
Perry.....	3,679	1	3,679	8 65	31,823	7 05	25,937	5,886	-----
Piatt.....	13,361	1½	20,041	5 00	100,205	6 25	83,586	16,699	-----
Pike.....	24,075	1½	30,095	6 85	206,144	*7 80	187,785	18,359	-----
Pope.....	*7,884	*1½	10,512	12 00	126,144	5 50	43,360	82,782	-----
Pulaski.....	*6,455	1½	9,682	11 35	109,891	7 25	46,799	63,092	-----
Putnam.....	8,411	1½	12,616	5 00	63,080	8 25	69,391	-----	6,311
Randolph.....	13,416	1½	20,124	10 00	201,240	5 10	68,422	132,818	-----
Richland.....	23,747	¾	15,831	9 00	142,479	5 50	130,608	11,871	-----
Rock Island.....	34,704	1¾	58,940	7 00	404,880	7 95	275,897	128,983	-----
Saline.....	10,153	1¾	17,768	7 00	124,376	8 20	83,255	41,121	-----
Sangamon.....	28,056	1½	37,408	6 50	243,152	10 90	305,810	-----	62,658
Schuyler.....	15,565	1½	23,347	6 50	151,755	7 20	112,068	39,687	-----
Scott.....	2,697	1½	4,045	7 65	30,944	7 75	20,002	10,042	-----
Shelby.....	50,049	1½	75,073	5 30	397,887	4 10	205,201	192,686	-----
Stark.....	17,404	1¾	30,457	5 50	167,513	10 70	186,223	-----	18,710
St. Clair.....	27,298	1½	40,947	12 00	491,364	*7 05	192,491	298,913	-----
Stephenson.....	34,352	1¾	60,116	7 01	421,812	8 05	276,534	144,278	-----
Tazewell.....	26,619	1½	39,928	6 65	263,521	6 85	182,340	83,181	-----
Union.....	10,359	1½	15,538	7 50	116,535	*7 45	77,174	39,361	-----
Vermilion.....	44,129	1½	58,839	6 65	391,297	*6 25	275,806	115,473	-----
Wabash.....	9,408	1	9,408	9 25	87,024	6 80	63,974	23,050	-----
Warren.....	36,876	1½	55,314	6 40	354,010	8 25	304,227	49,782	-----
Washington.....	10,155	1	10,155	8 70	88,348	5 75	58,391	29,957	-----
Wayne.....	38,463	¾	28,847	8 50	245,199	4 75	181,699	62,500	-----
White.....	16,398	¾	12,298	9 00	110,682	7 20	118,066	-----	7,384
Whiteside.....	60,521	1¾	105,912	5 00	529,560	6 60	399,439	130,221	-----
Will.....	91,357	1½	137,045	7 25	993,404	6 60	602,956	390,548	-----
Williamson.....	7,310	1	7,310	9 35	68,348	6 20	45,322	23,026	-----
Winnebago.....	35,249	1½	46,999	7 60	357,192	5 55	195,632	161,560	-----
Woodford.....	26,958	1¾	47,176	7 00	330,232	8 10	224,360	105,872	-----
Total or average.	3,043,723	1½	4,423,162	\$6 70	\$29,548,129	\$6 85	\$20,904,275	\$9,019,037	\$375,183

*Estimated.

†Estimated same as 1857.

CORN.

COUNTIES.	ACREAGE.				CONDITION AUGUST 1.										
	Returned by Assessors, 1887.	Returned by Assessors, 1888.	Increase, 1888.	Decrease, 1888.	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	
Adams	80,964	79,225		1,739	100	87	65	90	95	74	59	110	85	102	
Alexander	*8,862	10,447	1,585		110	84	70	100	93	90	95	52	91	103	
Bond	36,693	39,275	2,582		119	36	81	97	94	81	92	33	87	113	
Boone	30,524	33,804	3,280		84	76	65	85	96	77	61	78	108	100	
Brown	28,375	28,334		41	103	78	67	80	96	82	62	110	75	75	
Bureau	138,135	148,505	10,370		103	38	67	92	87	83	53	58	105	106	
Calhoun	11,926	12,834	908		95	77	55	94	105	82	59	91	100	111	
Carroll	59,156	68,281	9,125		98	97	58	96	102	78	50	74	100	80	
Cass	47,274	46,920		354	117	67	60	98	100	73	85	108	87	87	
Champaign	222,800	226,312	3,512		108	47	95	120	100	96	60	80	93	110	
Christian	110,783	110,511		272	103	57	80	84	101	85	35	90	98	118	
Clark	39,995	39,291		704	105	24	85	81	85	105	58	57	86	95	
Clay	29,808	33,818	4,012		105	53	82	97	70	82	90	30	62	92	
Clinton	46,153	54,000	7,847		85	20	30	80	67	90	72	22	78	117	
Coles	58,111	65,106	6,995		93	29	101	101	80	108	52	86	100	110	
Cook	46,594	48,231	1,637		92	70	57	96	92	67	62	80	101	92	
Crawford	31,844	31,663		181	101	44	85	85	76	105	68	42	93	92	
Cumberland	24,310	25,864	1,544		122	30	95	69	68	96	42	56	98	96	
DeKalb	90,728	102,412	11,674		107	77	79	100	107	77	57	78	114	110	
DeWitt	75,307	77,312	2,005		102	56	97	90	101	90	59	96	88	106	
Douglas	58,061	83,849	25,788		102	60	95	100	70	80	56	86	100	110	
DuPage	29,260	30,884	1,624		94	70	80	100	92	70	75	87	105	85	
Edgar	94,631	98,260	3,629		101	43	100	97	90	95	61	75	106	106	
Edwards	13,921	17,437	3,516		100	767	85	119	77	110	80	50	92	95	
Effingham	41,445	44,327	2,882		105	26	97	117	71	85	87	35	96	107	
Fayette	52,350	55,473	3,123		110	33	59	97	75	91	56	12	62	114	
Ford	112,792	111,817		975	100	40	90	102	90	100	59	77	86	105	
Franklin	34,058	20,040		14,018	100	53	64	98	85	93	92	45	78	122	
Fulton	92,671	101,977	9,206		108	73	50	89	99	85	53	111	100	108	
Gallatin	22,585	+22,585			105	87	85	84	81	102	93	44	45	110	
Greene	57,776	61,133	3,357		112	70	88	100	99	95	63	105	109	102	
Grundy	82,754	85,004	2,250		107	44	62	94	98	54	62	77	86	105	
Hamilton	36,251	32,035		4,216	103	61	66	107	65	90	66	20	83	110	
Hancock	80,696	86,736	6,040		104	88	61	101	107	80	23	99	101	95	
Hardin	9,677	12,254	2,577		110	100	63	65	67	90	70	75	76	105	
Henderson	54,064	57,207	3,143		100	50	50	73	100	75	48	80	105	107	
Henry	129,923	140,328	10,405		103	61	53	78	81	79	59	73	98	104	
Iroquois	215,034	219,540	4,506		103	82	99	105	104	85	52	100	80	110	
Jackson	23,700	19,845		3,855	95	100	25	76	110	87	100	24	82	112	
Jasper	42,950	40,608		2,342	110	32	87	100	75	75	72	25	91	168	
Jefferson	47,149	44,308		2,841	93	45	37	100	53	98	76	15	88	111	
Jersey	38,738	+38,738			110	70	58	91	93	105	68	99	98	92	
Jo Daviess	50,612	53,230	2,618		93	75	52	100	92	91	73	77	101	107	
Johnson	15,142	14,048		1,094	87	72	54	100	83	96	90	37	90	118	
Kane	52,770	54,445	1,675		97	65	66	97	97	81	82	85	108	112	
Kankakee	91,105	93,481	2,376		107	62	88	99	100	72	35	100	67	90	
Kendall	56,447	79,242	2,795		100	50	72	85	84	71	55	69	89	80	
Knox	93,944	104,120	10,176		106	69	73	88	112	88	46	93	91	110	
Lake	24,545	25,517	972		99	47	54	88	91	78	65	85	101	96	
LaSalle	*215,888	213,211	7,323		96	48	59	91	90	69	52	47	93	104	
Lawrence	31,177	37,573	6,396		103	65	93	99	85	106	65	50	86	110	
Lee	85,590	110,357	24,767		104	92	68	92	100	78	72	85	108	108	

CORN—Continued.

COUNTIES.	ACREAGE.				CONDITION AUGUST 1.									
	Returned by Assessors, 1887	Returned by Assessors, 1888.	Increase, 1888.	Decrease, 1888.	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879
Livingston.	236,713	229,212	...	7,501	85	52	75	87	93	75	57	95	62	120
Logan.	135,473	129,948	...	5,525	108	61	79	104	91	85	60	94	82	85
Macon.	116,531	107,536	...	8,995	105	49	71	97	97	94	52	100	105	88
Macoupin.	95,920	102,736	6,843	...	97	56	67	95	80	87	60	105	109	96
Madison.	82,317	91,414	9,097	...	113	58	55	90	77	105	67	72	91	110
Marion.	49,204	33,615	...	15,589	95	37	77	72	87	93	66	60	87	150
Marshall.	71,652	72,395	743	...	95	63	58	87	99	81	57	77	93	107
Mason.	62,133	81,167	19,034	...	100	44	68	80	97	82	62	54	76	90
Massac.	14,407	15,951	1,544	...	75	45	67	106	82	110	80	37	90	100
McDonough.	30,007	53,854	23,847	...	110	75	50	72	80	90	42	105	76	95
McHenry.	57,397	63,747	6,350	...	100	40	68	96	104	92	75	82	115	100
McLean.	221,139	217,981	...	3,158	106	47	77	88	95	84	52	90	80	108
Menard.	70,350	74,850	4,500	...	112	77	75	100	91	89	58	108	95	77
Mercer.	73,164	78,298	5,134	...	108	80	56	90	100	87	68	80	98	100
Monroe.	17,513	18,740	1,227	...	*98	*69	65	101	90	96	95	60	88	87
Montgomery.	96,842	103,642	6,800	...	112	57	71	101	82	105	61	69	103	119
Morgan.	104,735	97,374	...	7,361	109	70	70	91	90	92	46	112	111	85
Moultrie.	32,655	50,151	17,495	...	97	53	93	103	95	100	45	103	98	101
Ogle.	102,639	120,418	17,779	...	90	80	80	100	96	80	69	82	103	108
Peoria.	69,243	70,289	1,046	...	112	67	57	70	98	84	51	77	100	105
Perry.	13,937	5,334	...	8,603	92	66	28	90	84	94	64	13	58	122
Piatt.	79,637	94,175	14,808	...	105	37	100	98	102	84	52	100	93	105
Pike.	75,900	66,135	...	9,765	108	90	69	79	105	80	90	103	89	100
Pope.	18,892	*18,892	...	...	95	72	70	105	72	102	95	25	60	113
Pulaski.	12,196	*12,196	...	...	100	62	55	97	105	95	110	53	96	113
Putnam.	24,764	25,043	279	...	95	47	54	88	100	80	98	68	100	100
Randolph.	26,249	28,246	1,997	...	87	83	42	113	86	97	87	18	01	110
Richland.	26,584	29,801	3,217	...	112	50	90	92	56	94	89	36	93	102
Rock Island.	48,659	73,561	24,902	...	101	87	46	85	95	84	53	68	99	107
Saline.	30,719	34,531	3,812	...	115	70	75	82	82	100	62	55	95	107
Sangamon.	132,990	136,520	2,530	...	104	62	79	111	100	95	55	111	102	90
Schuyler.	37,614	42,142	4,528	...	105	93	62	87	93	89	38	105	88	102
Scott.	13,562	15,677	2,115	...	113	72	65	85	108	78	65	107	77	62
Shelby.	79,865	85,885	6,020	...	114	31	110	92	85	99	55	84	100	105
Stark.	52,427	54,911	2,484	...	105	81	82	99	101	92	70	76	96	100
St. Clair.	62,459	60,588	...	1,871	110	80	70	105	75	89	87	57	95	114
Stephenson.	70,163	72,829	2,666	...	98	72	64	100	100	92	64	96	101	105
Tazewell.	97,513	109,586	12,073	...	105	59	56	95	105	79	48	97	95	110
Union.	19,681	18,390	...	1,292	100	88	92	100	102	100	94	65	95	123
Vermilion.	145,391	144,680	...	711	113	45	105	93	93	108	53	86	117	113
Wabash.	18,913	20,996	2,083	...	97	85	93	99	70	91	7	48	73	104
Warren.	87,245	92,585	5,340	...	105	65	72	89	105	88	50	78	96	110
Washington.	33,900	37,393	3,493	...	101	44	28	96	71	98	105	7	50	109
Wayne.	*43,962	43,340	2,666	...	90	70	79	89	65	95	76	81	68	116
White.	38,933	45,834	6,901	...	96	71	58	99	71	95	71	52	60	111
Whiteside.	95,571	101,668	6,097	...	95	80	42	102	75	75	62	67	102	105
Will.	114,200	117,001	3,801	...	101	46	44	95	99	83	64	87	103	100
Williamson.	18,633	20,223	1,590	...	103	65	43	100	81	87	75	26	63	112
Winnebago.	66,324	71,243	5,919	...	94	75	57	107	105	91	59	93	96	110
Woodford.	99,709	99,512	...	197	99	63	77	99	105	115	60	98	77	126
Total or av.	6,719,126	7,063,916	447,990	103,200	102	62	70	94	90	88	65	70	90	103

*Estimated same as in 1887.

†Estimated.

PASTURES.

COUNTIES.	ACREAGE.				CONDITION AUGUST 1.									
	Returned by Assessors, 1887.	Returned by Assessors, 1888.	Increase, 1888.	Decrease, 1888.	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879
Adams.....	50,847	68,327	17,481	.....	80	55	62	90	97	96	94	100	78	77
Alexander.....	1420	96	.....	324	102	70	82	90	100	112	90	75	88	96
Bond.....	29,804	30,825	1,021	.....	97	30	76	112	107	100	101	69	98	86
Boone.....	51,982	51,487	.....	494	92	14	62	98	107	100	105	100	103	100
Brown.....	26,671	19,707	.....	6,964	97	53	57	80	100	97	95	110	70	46
Bureau.....	119,775	122,929	3,154	.....	98	17	56	95	105	105	75	82	100	92
Calhoun.....	4,322	11,886	7,564	.....	85	50	40	90	110	90	87	100	90	74
Carroll.....	76,039	67,586	.....	8,453	112	30	31	99	107	106	100	104	87	104
Cass.....	24,057	24,459	402	.....	109	31	52	90	107	103	115	108	80	52
Champaign.....	110,156	111,825	1,669	.....	94	15	85	100	110	103	96	67	92	70
Christian.....	74,938	73,403	.....	1,535	97	47	72	88	107	106	108	60	100	60
Clark.....	31,316	39,828	8,512	.....	85	20	74	74	101	99	94	36	100	86
Clay.....	22,619	35,838	13,219	.....	91	55	67	95	93	100	92	38	71	56
Clinton.....	29,733	29,394	.....	339	100	60	55	82	102	108	107	62	72	96
Coles.....	58,373	28,406	.....	18,865	87	9	84	98	110	106	101	69	95	72
Cook.....	74,193	85,875	11,682	.....	92	12	40	77	80	104	92	101	100	92
Crawford.....	25,458	28,630	3,172	.....	90	32	92	85	90	106	100	55	100	75
Cumberland.....	16,384	21,865	5,481	.....	127	24	87	88	93	100	100	83	101	75
DeKalb.....	115,372	115,497	124	.....	107	55	66	100	102	102	101	105	103	100
DeWitt.....	55,112	57,612	2,500	.....	102	54	95	85	114	106	92	95	87	73
Douglas.....	64,005	57,584	.....	6,421	100	28	100	93	100	100	98	77	85	87
DuPage.....	56,104	54,511	.....	1,593	65	30	80	90	78	108	.....	90	110	100
Edgar.....	109,609	92,554	.....	17,055	91	20	85	95	95	100	84	50	103	97
Edwards.....	13,070	15,801	2,731	.....	92	60	75	32	90	100	92	90	96	65
Effingham.....	24,271	28,579	4,308	.....	96	26	83	112	79	100	100	68	92	95
Fayette.....	37,404	44,698	7,294	.....	95	23	52	92	85	106	91	62	72	84
Ford.....	45,755	57,753	11,998	.....	100	27	80	102	115	102	105	66	92	84
Franklin.....	14,489	20,547	6,058	.....	100	43	56	80	100	106	115	50	90	100
Fulton.....	79,470	80,883	1,413	.....	105	39	40	75	100	100	99	95	90	50
Gallatin.....	2,515	42,515	.....	.....	70	47	77	75	91	88	86	55	82	95
Greene.....	77,009	79,814	2,805	.....	103	67	85	95	102	103	85	100	106	62
Grundy.....	70,913	69,933	.....	980	83	22	37	86	102	105	90	100	92	83
Hamilton.....	13,386	15,117	1,731	.....	102	47	61	90	92	99	96	26	82	100
Hancock.....	74,007	80,075	6,068	.....	106	51	56	82	97	103	100	98	94	60
Hardin.....	3,983	4,729	746	.....	100	100	60	55	80	100	90	65	91	90
Henderson.....	83,983	80,548	.....	3,435	102	28	37	90	100	106	96	86	97	70
Henry.....	129,747	110,740	993	.....	104	8	41	72	102	103	106	82	92	92
Iroquois.....	142,296	173,497	31,201	.....	96	32	89	90	104	103	100	105	100	75
Jackson.....	7,795	11,228	3,433	.....	77	80	25	80	100	100	75	27	90	103
Jasper.....	22,844	26,553	3,709	.....	103	40	62	100	90	100	100	32	92	78
Jefferson.....	43,985	45,185	1,200	.....	89	67	42	92	83	100	100	38	100	90
Jersey.....	23,157	423,157	.....	.....	100	39	32	100	107	90	72	80	75	30
Jo Daviess.....	97,647	93,676	.....	3,971	92	15	53	95	105	106	106	101	91	97
Johnson.....	7,286	4,707	.....	2,579	90	52	67	80	97	100	92	37	80	83
Kane.....	111,962	95,873	.....	16,089	90	7	52	97	91	108	105	103	105	95
Kankakee.....	91,578	85,163	3,585	.....	103	35	64	86	104	107	83	95	102	80
Kendall.....	48,135	48,890	755	.....	85	13	56	75	92	97	85	75	100	84
Knox.....	122,261	144,333	22,072	.....	126	22	62	79	105	110	112	98	88	76
Lake.....	84,901	86,273	1,371	.....	97	25	51	95	86	106	101	109	104	90
LaSalle.....	129,856	131,185	1,329	.....	100	17	50	91	99	101	105	74	97	80
Lawrence.....	23,070	26,702	3,631	.....	78	62	95	78	87	100	100	37	96	53
Lee.....	92,399	124,685	32,286	.....	105	26	31	104	106	100	106	106	106	96

PASTURES—Continued.

COUNTIES.	ACREAGE.				CONDITION AUGUST 1.										
	Returned by Assessors 1887.	Returned by Assessors, 1888.	Increase, 1888.	Decrease, 1888.	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	
Livingston....	109,692	106,333	.....	3,359	87	17	43	92	105	108	97	75	87	80
Logan.....	54,699	63,653	8,954	.....	100	22	71	100	107	103	97	100	73	67
Macon.....	60,158	53,599	.....	6,559	97	30	77	98	105	100	94	82	88	62
Macoupin.....	90,383	85,627	.....	4,756	96	47	70	87	102	105	101	101	114	43
Madison.....	47,242	41,116	.....	6,126	103	72	50	87	89	107	94	79	88	62
Marion.....	44,025	43,860	.....	165	73	70	68	87	80	95	89	30	95	100
Marshall.....	56,185	53,177	.....	3,010	80	27	53	93	110	105	92	97	93	82
Mason.....	16,638	24,851	8,213	.....	94	35	30	80	103	98	92	70	92	43
Massac.....	4,307	4,926	619	.....	50	35	69	99	105	96	80	52	88	96
McDonough.....	17,636	42,748	25,112	.....	100	33	25	75	100	195	105	100	63	40
McHenry.....	137,611	126,179	.....	11,432	83	15	45	95	99	100	100	100	110	100
McLean.....	149,039	146,442	.....	2,597	107	12	61	91	105	104	96	91	80	74
Menard.....	†45,645	39,650	.....	5,995	87	35	75	100	102	100	102	95	78	60
Mercer.....	96,205	104,823	8,618	.....	125	25	45	84	97	100	101	93	80	70
Monroe.....	4,923	5,936	1,013	.....	*90	*46	72	101	102	103	110	65	80	65
Montgomery.....	85,577	102,046	16,469	.....	110	36	66	95	104	104	93	69	83	60
Morgan.....	112,793	110,562	.....	2,231	107	47	70	97	103	116	109	87	107	31
Moultrie.....	18,864	28,939	10,075	.....	92	30	83	96	103	95	95	68	87	62
Ogle.....	85,431	108,792	23,361	.....	90	16	50	100	107	106	103	105	100	99
Peoria.....	50,261	52,086	1,825	.....	102	25	30	67	93	112	103	93	90	90
Perry.....	9,214	3,666	.....	5,548	104	50	40	90	97	99	94	56	85	85
Piatt.....	36,383	39,783	3,400	.....	90	25	92	106	105	105	97	90	101	86
Pike.....	66,759	59,610	.....	7,119	102	69	64	99	108	100	116	93	93	50
Pope.....	9,887	†9,887	.....	.....	110	65	70	100	100	100	102	17	72	68
Pulaski.....	4,148	†2,601	.....	.....	82	52	61	103	115	108	120	62	98	85
Putnam.....	27,482	27,292	.....	190	100	15	53	93	105	106	109	87	100	95
Randolph.....	17,143	21,600	4,457	.....	90	65	40	102	100	105	107	50	103	95
Richland.....	37,197	35,116	.....	2,081	100	40	82	81	80	103	102	39	95	62
Rock Island.....	67,214	63,865	.....	3,349	106	51	22	84	101	98	102	85	94	96
Saline.....	8,670	11,791	3,121	.....	90	85	75	85	100	100	95	48	100	105
Sangamon.....	110,714	108,809	.....	1,905	102	62	76	97	102	110	102	106	107	40
Schuyler.....	43,958	48,999	5,051	.....	102	40	50	80	107	102	92	92	90	54
Scott.....	10,088	9,378	.....	810	95	37	40	78	102	87	100	91	96	23
Shelby.....	67,688	66,465	.....	1,223	102	21	86	87	99	106	100	76	89	62
Stark.....	44,381	43,798	.....	583	100	53	73	86	102	100	100	95	97	81
St. Clair.....	22,133	23,545	1,412	.....	90	75	50	98	97	104	100	25	77	77
Stephenson.....	67,927	65,961	.....	1,966	98	38	32	100	105	97	96	105	95	91
Tazewell.....	52,095	52,812	717	.....	103	30	46	93	102	104	190	82	107	70
Union.....	8,212	8,289	77	.....	100	63	85	83	102	87	90	56	95	102
Vermilion.....	120,371	115,820	.....	4,551	102	22	105	107	118	130	100	91	100	108
Wabash.....	10,604	15,696	5,092	.....	76	65	50	82	79	92	99	40	95	81
Warren.....	102,462	98,882	.....	3,580	104	37	54	90	105	105	105	91	83	85
Washington.....	26,074	25,044	.....	1,030	97	47	27	85	88	105	106	30	50	18
Wayne.....	36,824	45,913	9,089	.....	95	80	81	80	80	102	107	30	93	84
White.....	29,500	18,304	.....	11,196	81	56	67	70	77	95	88	30	85	85
Whiteside.....	119,016	108,695	.....	10,321	100	33	57	100	*109	105	92	75	95	100
Will.....	127,592	128,876	1,284	.....	93	*20	32	67	98	105	89	97	95	90
Williamson.....	7,279	9,098	1,819	.....	100	57	41	85	98	101	97	27	76	87
Winnebago.....	69,405	71,617	2,212	.....	99	22	45	105	104	95	100	103	101	100
Woodford.....	49,011	44,535	.....	4,486	99	10	45	100	105	115	96	104	81	73
Total or av....	5,630,571	5,803,985	368,679	195,265	96	39	60	90	109	102	98	75	91	78	

*Estimated.

†Estimated same as 1887.

FARM CROPS.

COUNTIES.	CORN.	BROM CORN.	SORGH'M	COTTON.	HEMP.	TOBACCO	CASTOR BEANS.	PAST'RS.	IRISH POTAT'S	SWEET POTOT'S.	BUCK-WHEAT.
	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Acreage compared with 1887. Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Acreage compared with 1887. Condition August 1, 1888.
Adams.....	100		90					80	105	90	
Alexander.....	110	110	100			102		102	107	90	100
Bond.....	119	100	104			116	94	97	104	99	125
Boone.....	84							92	87		80
Brown.....	103	100	100			87	90	97	73	90	
Bureau.....	103		92					98	96	85	87
Calhoun.....	95		75			60		85	95	80	20
Carroll.....	98							112	117	100	110
Cass.....	117	102	100					109	97	93	
Champaign.....	108	100	100					94	96	100	100
Christian.....	103	95	98				100	97	107	94	100
Clark.....	105	100	103			95	100	85	97	92	110
Clay.....	105	80	102			100	75	91	93	100	102
Clinton.....	85	80					87	100	100	75	
Coles.....	93	95	89					87	87	92	80
Cook.....	92		100			100		92	98		100
Crawford.....	101		87			91		90	96	94	150
Cumberland.....	122	130	125			100		127	115	111	100
DeKalb.....	107	105	100					107	81	100	103
DeWitt.....	102	100	102					102	102	100	85
Douglas.....	102	100	90			100		100	93	103	
DuPage.....	94	100				100	100	65	85		80
Edgar.....	101	97	99					91	92	104	100
Edwards.....	100	100	102			105	100	92	105	90	100
Effingham.....	105	100	101			93		96	96	94	98
Fayette.....	110	100	103			75		85	103	103	88
Ford.....	100			100	100			100	100		
Franklin.....	100	100	80			50	85	100	50	85	
Fulton.....	108	100	100			100		105	106	100	70
Gallatin.....	105		97			95		70	102	99	105
Greene.....	112	99	90			100	100	103	106	100	100
Grundy.....	107		100	100	100			83	87	100	
Hamilton.....	103	100	102			107	100	102	115	106	100
Hancock.....	104		97					106	110	100	
Hardin.....	110	100	90			90		100	110	100	
Henderson.....	100		80					102	97	95	60
Henry.....	103	102	110			100	100	104	105	102	100
Iroquois.....	103	100	95					96	82	97	100
Jackson.....	95	90	100			100		77	100	90	
Jasper.....	110	105	87			100		103	107	102	100
Jefferson.....	93	90	100			100	97	89	92	89	100
Jersey.....	110		100					100	100	100	
JoDavies.....	93					95		92	90		100
Johnson.....	87		82			90		90	105	100	
Kane.....	97							70	83		75
Kankakee.....	107		92					103	100	92	110
Kendall.....	100							85	88	90	75
Knox.....	106	100	100					126	109	75	100
Lake.....	98	95	95					97	98		105
LaSalle.....	96		100					100	99	102	50
Lawrence.....	103	95	87					78	95	93	105
Lee.....	104		97					105	105	100	

FARM CROPS—Continued.

COUNTIES.	CORN.	BROOM CORN.	SORGH'M	COTTON.	HEMP.	TOBACCO	CASTOR BEANS.	PAST'ES.	IRISH POTAT'S.	SWEET POTAT'S.	BUCK-WHEAT.
	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Acreage compared with 1887.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Acreage compared with 1887.
Livingston ...	85	80	72				90	87	82	85	60
Logan	108							100	105	97	
Macon	105	100	100					97	98	100	
Macoupin	97	100	100					96	99	92	125
Madison	113	100	97			100	100	103	98	100	
Marion	95	105	91			107	100	73	99	95	98
Marshall	95		85					80	85	77	70
Mason	100	105	100					84	102	97	100
Massac	75		85			100	100	50	100	100	
McDonough	110		75					100	100		
McHenry	100	110	87					83	98	100	100
McLean	106		105					107	97	100	100
Menard	112		97					87	92	92	
Mercer	108	85	100					125	108	100	95
Monroe											
Montgomery	112	110	102			90		110	100	101	100
Morgan	108	90	95					107	106	95	
Moultrie	97	100	100					92	96	100	
Ogle	90	100	90					90	75	100	100
Peoria	112							102	105	75	
Perry	92	75	95			105	90	104	95	97	150
Piatt	105	100	100			100		90	67	95	100
Pike	108		100					102	100	100	
Pope	95	100	100	100		100		110	100	100	100
Pulaski	100	100	100			100	100	82	100	92	
Putnam	95		82					100	100	90	
Randolph	87	97	103			120	97	90	108	100	
Richland	112	100	100					100	95	95	212
Rock Island	101	75	87				95	106	103	100	100
Saline	115		100			95		90	100	100	
Sangamon	104							102	95	92	
Schuyler	105	100	95					102	95	102	
Scott	113							95	105	100	
Shelby	114	100	106			99		102	119	105	100
Stark	105	100	100					100	102	100	100
St. Clair	110							90	110	100	
Stephenson	98	100	100			100		98	96	100	100
Tazewell	105							103	104	100	
Union	100	75						100	100	80	
Vermilion	113		100					102	95	101	
Wabash	97		90			87		76	87	102	100
Warren	105	105	101			110		104	104	102	
Washington	101	90	97			100	81	97	102	95	
Wayne	90	80	87			90	85	95	100	100	125
White	96	90	88			83		81	92	94	137
Whiteside	95							100	98	100	
Will	101	90	85			90	100	93	100	100	40
Williamson	103	105	100	100		100	100	100	100	97	95
Winnebago	94	95	97			100	80	99	84		100
Woodford	99	100	100				95	99	81	100	

FARM AND FRUIT CROPS. Condition and Yield.

COUNTIES.	TURNIPS AND OTHER ROOT CROPS.	FIELD PEAS.	FIELD BEANS.	APPLES.	PEACHES	PEARS.	PLUMS.	GRAPES.	BLACK- BERRIES	QUINCES.	CLOVER.	
	Acreage Compared with 1887.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Yield compared to an average.	Condition August 1, 1888.	Yield per acre in tons.	Quality compared to an average.
Adams.....	100	100	90	95	85	80	100	82	90	95	1½	90
Alexander.....	95	100	110	72	101	100	100	100	83	63	100	95
Bond.....	100	100	100	55	121	107	110	83	73	100	1½	87
Boone.....	105	95	80	83	87	90	83	70	80	2¾	100	78
Brown.....	97	95	80	88	40	50	80	50	80	30	1	80
Bureau.....	70	50	50	85	50	77	83	65	75	2	100	50
Calhoun.....	100	100	100	112	100	100	100	83	72	100	1½	100
Cass.....	100	100	100	96	100	100	100	87	100	62	1½	52
Champaign.....	100	110	100	90	102	69	90	81	46	90	1½	100
Christian.....	112	95	110	110	90	107	103	67	55	90	1½	100
Clark.....	100	93	100	100	74	103	87	71	70	50	1	82
Clay.....	100	90	100	80	95	85	100	100	100	65	1½	95
Clinton.....	100	90	100	100	95	97	88	78	70	75	1	50
Coles.....	100	100	100	75	76	91	98	91	65	92	1½	100
Cook.....	88	100	100	76	98	102	107	94	86	100	1½	87
Crawford.....	105	120	90	107	102	132	102	107	94	86	100	112
Cumberland.....	105	104	100	100	32	25	25	96	70	103	1½	103
DeKalb.....	100	100	80	109	105	110	105	103	87	70	1	103
DeWitt.....	105	95	100	107	103	80	95	103	87	70	1	82
Douglas.....	100	100	100	30	50	30	66	70	70	1	1	60
DuPage.....	100	100	100	73	75	95	90	89	82	100	1	100
Edgar.....	120	100	100	101	100	105	100	115	100	60	90	67
Edwards.....	100	100	105	95	89	101	98	81	71	73	72	87
Efingham.....	105	87	103	50	83	75	87	60	68	92	1½	88
Fayette.....	100	100	100	95	90	65	100	85	70	100	1½	100
Ford.....	100	100	76	100	104	60	95	90	95	80	1	87
Franklin.....	94	102	100	100	82	60	95	90	82	70	2¾	87
Fulton.....	97	100	100	75	100	50	97	103	105	75	1½	100
Gallatin.....	88	95	100	100	79	101	91	99	74	26	90	86
Greene.....	100	100	87	87	82	50	80	65	70	100	1½	87
Grundy.....	115	97	98	100	100	110	90	95	80	20	100	2
Hamilton.....	100	100	100	100	77	77	40	77	82	103	2	75
Hancock.....	100	100	100	100	75	75	60	107	103	103	2	95
Hardin.....	100	60	100	100	89	70	85	76	86	100	1½	100
Henderson.....	100	100	100	100	82	80	82	100	90	90	2	75
Henry.....	100	100	100	100	68	97	73	85	97	65	87	100
Iroquois.....	86	82	98	65	71	98	98	105	87	66	75	88
Jackson.....	98	98	95	65	75	87	87	87	87	50	60	50
Jasper.....	100	100	100	63	70	95	100	40	95	37	1½	92
Jefferson.....	87	87	87	75	75	75	75	100	100	100	1½	100
Jersey.....	100	100	90	75	75	75	75	100	100	100	1½	100
JoDavies.....	87	87	87	75	75	75	75	100	100	100	1½	100
Johnson.....	100	100	100	75	75	75	75	100	100	100	1½	100
Kane.....	100	100	100	75	75	75	75	100	100	100	1½	100
Kankakee.....	100	100	100	75	75	75	75	100	100	100	1½	100
Kendall.....	112	112	112	106	106	106	106	106	106	106	1½	88
Knox.....	102	100	100	63	63	90	83	67	67	67	1½	88
Lake.....	163	108	110	53	53	53	53	53	53	53	1½	88
LaSalle.....	102	100	100	77	100	85	95	95	55	100	1½	97
Lawrence.....	100	100	100	75	75	75	75	102	93	93	1½	100
Lee.....	100	100	100	75	75	75	75	102	93	93	1½	100

FARM AND FRUIT CROPS—Continued.
Condition and Yield.

COUNTIES.	TURNIPS AND OTHER ROOT CROPS.	FIELD PEAS.	FIELD BEANS.	APPLES	PEACHES	PEARS.	PLUMS.	GRAPES.	BLACK- BERRIES	QUINCES	CLOVER.		
	Average with 1887. Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Condition August 1, 1888.	Yield compared to an average.	Condition August 1, 1888.	Yield per acre in tons.	Quality compared to an average.	
Livingston ...	85	90	60	65	42	65		50	95	75		1¾	95
Logan.....	100	110		95	103		92	90	98	83			
Macon.....	100	110		100	104		94	75	97	97			
Macoupin.....	125	95	100	85	90	90	75	92	92	92	1¼	69	
Madison.....	100	100		101	62	82	95	95	66	80	100	1¾	84
Marion.....	105	95	100	103	27	106	87	110	59	99	100	1¼	100
Marshall.....	95	90	70	75	77		70	75	82	50		2½	85
Mason.....	105	100	100	92	95		78	92	97	83		1¾	95
Massac.....	90		100	100	100	100	100	100	100	60	100		
McDonough ..					100			100	100	100		1½	100
McHenry.....	105	100	100	100	100		90	50	100	37		2	75
McLean.....	101	100			97		75	50	89	102		2	100
Menard.....	105	100			112		80	52	82	62			
Mercer.....	100	100			73			60	105	93		1¾	83
Monroe.....													
Montgomery..	107	100	100	107	86	101	100	100	111	72	100	1½	86
Morgan.....	100	100			89		92	104	96	71	70	1½	100
Moultrie.....	100	95		100	94	87	83	67	100	45	2	100	
Ogle.....	100	100	100	100	80			100	100	100		1½	95
Peoria.....	75				95			75	117	107		1	75
Perry.....	110	100	93	95	82	95	76	80	92	83	90	1¾	92
Piatt.....	100	100		100	100		95	100	100	70	100	2	90
Pike.....	87	87			97		75	100	92	53	50	1½	95
Pope.....			100	100	100	100	100	100	100	100	100	2	80
Pulaski.....	100	95	97	100	100	97	92	97	103	93	87	2	100
Putnam.....	100	100		100	42				75	92			
Randolph.....	100	92		100	78	92	97	100	105	90	100	1	92
Riceland.....	110	100	100	100	87	100	100	100	87	82		¾	87
Rock Island ..	100	100	100	100	83				103	100	1	80	
Saline.....	110	100			100	100	100	100	100	60	¾	70	
Sangamon.....	105	105			92		103	100	86	103			
Schuyler.....				100	112		100	95	97	110		1	70
Scott.....					95		100	110	100	90		2	92
Shelby.....	102	101	100	100	93	103	98	85	81	69	92	2	92
Stark.....	110	105	100	100	94				100	80		2	100
St. Clair.....					50	75	75	100	50	100		2	75
Stephenson...	100	99	100	102	90		100	28	100	75		1¾	97
Tazewell.....	100	100			87			100	100	100		2	95
Union.....					75	80	80	100	70	100		1½	100
Vermilion.....		90			93	27	95	105	103	67		1½	90
Wabash.....	103	98	100	105	62	94	72	104	87	25	80	1½	84
Warren.....	101	103			91		60	90	97	101		1¾	97
Washington...	100	95	95	92	55	81	94	104	77	67	85	1¾	87
Wayne.....	100	87	100	100	67	87	75	100	62	37	100	1¾	80
White.....	140	100		100	67	86	96	105	71	17	50	¾	73
Whiteside...				70	100				75	100			
Will.....	80	100	82	92	62		25	32	99	58		1¼	100
Williamson...	100	80	103	100	58	103	97	100	87	80	77	1	75
Winnebago...	91	91	95	100	74		50	62	94	62		1	77
Woodford...	100	100		90	75		15		88	90		1½	83

FLAX SEED.

COUNTIES.	Acreage 1888, returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel	Value of crop.	Cost of produc- tion per acre	Total cost of production.	Profit on crop.	Loss on crop.
Champaign.....	391	*2	3,128	*\$1 10	\$3,441	\$8 65	\$3,382	\$59	.....
Clay.....	3	*8	24	*1 10	26	6 00	18	8	.....
Clinton.....	1	*8	8	*1 10	9	8 00	8	1	.....
Cook.....	239	*8	2,632	*1 10	2,895	6 90	2,270	625	.....
DeKalb.....	3	*8	24	*1 10	26	6 90	21	5	.....
DuPage.....	88	*8	704	*1 10	774	*8 00	704	70	.....
Edwards.....	1	*8	8	*1 10	9	*8 00	8	1	.....
Ford.....	1,626	*8	13,008	*1 10	14,309	7 95	12,927	1,382	.....
Henry.....	70	*8	560	*1 10	616	5 70	399	217	.....
Iroquois.....	1,017	*8	8,216	*1 10	9,038	7 90	8,113	925	.....
Jasper.....	40	*8	320	*1 10	352	6 45	258	94	.....
Kane.....	41	*8	248	*1 10	273	*8 00	248	25	.....
Kankakee.....	154	*8	328	*1 10	361	*8 00	328	33	.....
Lake.....	1,131	*8	1,242	*1 10	1,355	*8 00	1,232	123	.....
Livingston.....	6	*8	9,048	*1 10	9,953	7 50	8,482	1,471	.....
Marion.....	27	*8	48	*1 10	53	8 00	48	5	.....
McHenry.....	15	*8	216	*1 10	238	11 00	297	.....	\$59
McLean.....	3	*8	126	*1 10	132	*8 00	120	12	.....
Morgan.....	11	*8	24	*1 10	26	*8 00	24	2	.....
Ogle.....	21	*8	88	*1 10	97	*8 00	88	9	.....
Piatt.....	35	*8	160	*1 10	176	11 50	230	.....	54
St Clair.....	7	*8	168	*1 10	185	*8 00	168	17	.....
Vermilion.....	1,100	*8	280	*1 10	408	*8 00	280	26	.....
Washington.....	31	*8	56	*1 10	62	*8 00	56	6	.....
Will.....	20	*8	8,800	*1 10	9,680	9 00	9,900	220
Total or average.....	6,181	8	49,448	\$1 10	\$54,394	\$8 00	\$49,609	\$5,118	\$333

*Estimated.

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FARM CROPS

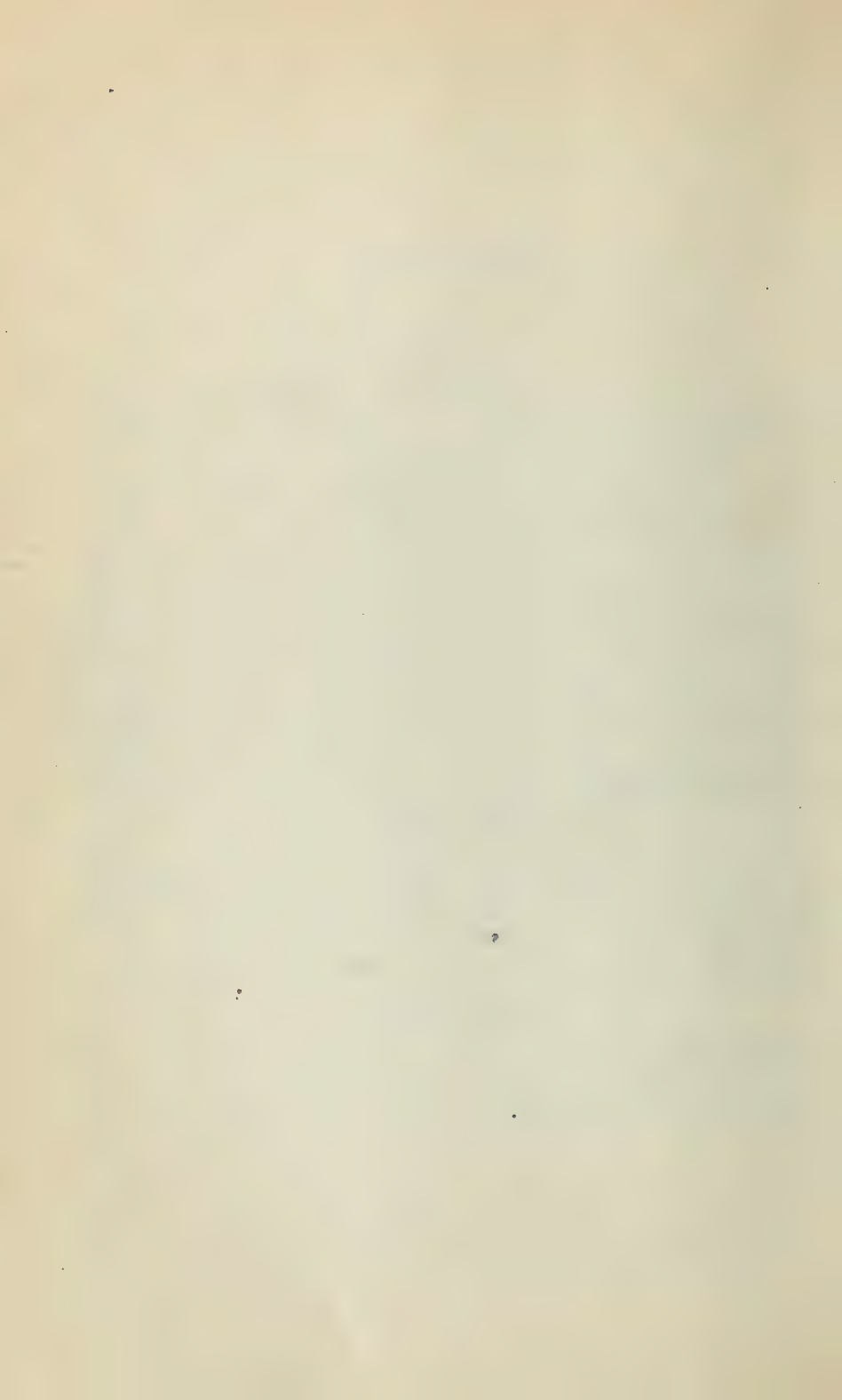
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ILLINOIS STATE FAIR—SEPTEMBER 23-27, 1889.
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 12-21, 1889.
AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 12-21, 1889.
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 12-21, 1889.

STATISTICAL REPORT

— OF THE —

ILLINOIS STATE BOARD OF AGRICULTURE,

— FOR —

DECEMBER, 1888.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.,

—MADE TO THE—

Illinois Department of Agriculture.

CHARLES F. MILLS, SECRETARY,

Springfield.

CIRCULAR 143.

SPRINGFIELD, ILL.:
ILLINOIS STATE JOURNAL COMPANY.
1889.

Illinois State Board of Agriculture.

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ILLINOIS CROP REPORT,

—FOR—

DECEMBER, 1888.

Synopsis of the Reports of Correspondents upon the Condition of the Growing
Crops, Etc.

ILLINOIS DEPARTMENT OF AGRICULTURE, }
SPRINGFIELD, December 1, 1888. }

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of December.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to the Department.

A large number of the correspondents have been reporting to this Department during the past twelve years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality.

CORN.

Rarely has there been so large a corn crop in Illinois as that of 1888. The area, 7,047,813 acres, was but 328,687 acres larger than in 1887, but the extraordinary yield per acre, 39 bushels, which has been exceeded but twice in the last three decades, made the total yield, 277,726,451 bushels, more than twice as large as that of the previous year.

QUALITY.

The quality of the 1888 corn crop was excellent. Some counties report it as not quite up to an average, but others claim it is better than usual, so that on the whole it will grade well. In but one county, Will, is it reported poor, where it is less than half as good as usual.

VALUE OF CROP.

The unusually large yield of course brought the price down from the high figure which was obtained for last year's crop, but the total value, \$79,245,114, was nearly a third greater than that of 1887.

A table published elsewhere in this report gives by counties the area, yield and value of the corn crop for the current year.

The area, yield and value of the corn crop of the State for the past twenty-nine years, is given in the following table:

Year.	Number of acres.	Average yield per acre bushels.	Bushels produced.	Price per bushel—cents.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860	3,839,159	30	115,174,770	42½	\$48,944,277	\$12 74	\$10 50	\$40,311,169	\$ 8,633,108	
1861	3,839,159	30	115,174,770	24	27,641,944	7 00	10 50	41,311,169		\$12,669,225
1862	3,458,903	40	138,356,120	23	32,821,911	9 49	10 50	36,818,481		3,496,570
1863	3,773,349	22	83,013,681	62	51,479,442	13 64	10 50	39,620,164	11,859,278	
1864	4,192,610	33	138,356,130	75	103,767,101	24 75	10 50	44,022,405	59,744,696	
1865	5,032,996	35 2	177,095,852	29½	51,800,536	10 31	10 50	52,751,958		951,422
1866	4,931,783	31 6	155,844,350	43	67,031,070	13 58	10 50	51,783,721	15,229,349	
1867	4,553,655	23 8	109,091,000	68	74,281,880	16 20	10 50	48,128,377	26,153,503	
1868	3,928,742	34 2	134,363,000	43	57,786,090	14 70	10 50	41,251,791	16,524,299	
1869	5,237,068	23 2	121,500,000	57	69,255,006	13 22	10 50	54,989,214	14,265,786	
1870	5,720,965	35 2	202,378,000	35	70,482,300	12 32	10 50	60,070,132	10,412,168	
1871	5,310,469	38 3	206,391,000	32	65,085,020	12 25	10 50	55,759,921	9,325,169	
1872	5,468,040	39 8	217,628,000	24	52,230,720	9 53	10 50	57,474,420		5,183,700
1873	6,839,714	21	143,684,000	32	45,962,880	6 72	10 50	71,816,997		25,854,117
1874	7,421,055	18	133,579,000	56	74,804,240	10 08	10 50	77,921,077		3,116,837
1875	8,163,265	34 3	280,000,000	34	95,200,000	11 66	10 50	85,714,282	9,485,718	
1876	8,920,000	25	223,000,000	31	69,130,000	7 75	10 50	93,660,000		24,530,000
1877	8,935,411	30	269,889,742	28	77,562,879	8 68	10 50	93,821,815		16,258,934
1878	8,672,038	29	250,560,810	22	56,035,842	6 46	10 50	91,056,924		35,021,082
1879	7,918,881	38	305,913,377	32	97,483,052	12 16	10 50	88,148,250	14,334,802	
1880	7,574,545	33	250,697,036	33	83,757,009	11 56	10 50	79,411,857	4,345,182	
1881	7,157,354	24	174,491,708	53	93,328,977	12 72	10 52	75,303,074	18,025,903	
1882	7,371,950	24	179,471,729	42	76,528,755	10 08	10 55	77,802,326		1,273,571
1883	7,304,596	25	186,583,558	36	68,067,698	9 00	10 50	76,689,138		8,621,440
1884	6,893,819	33	207,556,662	29	60,300,153	8 74	10 45	72,080,712		11,780,559
1885	7,212,657	32	230,922,298	28	64,850,545	8 99	10 50	75,682,246		10,831,701
1886	7,153,289	25	182,755,053	30	54,772,027	7 66	10 45	74,642,284		19,870,257
1887	6,719,126	19	129,537,603	41	53,718,691	7 99	10 45	70,250,210		16,531,519
1888	7,047,813	39	277,726,457	28	79,245,114	11 24	9 75	68,874,820	10,370,294	

The county having the largest acreage in corn was Livingston, 229,212 acres. McLean county bore off the palm on largest total yield, 10,027,126 bushels, while Scott claims the largest yield per acre, 67 bushels.

BROOM CORN.

The area devoted to this crop in 1833, 41,837 acres, was nearly 6,000 acres larger than in 1887.

As in former years, over half of the area was in Coles and Douglas counties. In four other counties in the State, Edgar, Henry, Moultrie and Saline, over two thousand acres was sown. The average yield per acre was but a little more than one-third of a ton, making the total yield 28,116,000 pounds.

But once in the past eleven years, in 1878, has the price of broom corn been so low as this year, when it was only \$57 per ton. The price of this crop has steadily declined during the past ten years, and there is little encouragement for the farmers of the State to devote their attention to it.

The following table gives the area, yield and value of the broom corn crop of Illinois since 1877:

YEAR.	Acreage.	Av. yield per acre— lbs.	Total yield— pounds.	Price per ton.	Value of crop.
1877.....	14,566	458	6,674,747	\$71 20	\$237,594
1878.....	18,258	614	11,218,168	49 50	277,645
1879.....	17,664	632	11,161,238	86 75	484,195
1880.....	18,652	775	14,457,156	77 40	559,447
1881.....	17,887	1,437	25,708,250	128 50	1,651,739
1882.....	43,036	225	9,693,187	80 00	387,680
1883.....	33,922	1,000	33,922,000	90 00	1,481,710
1884.....	25,173	750	16,228,000	72 00	585,572
1885.....	17,382	666	10,514,000	94 00	434,932
1886.....	37,633	526	19,914,000	78 00	776,963
1887.....	35,022	803	28,132,000	69 00	973,864
1888.....	41,807	672	28,116,000	57 00	797,245

SORGHUM.

The area devoted to sorghum in 1888, 11,447 acres, is a fraction larger than that of 1887. The yield per acre, 101 gallons, has never been exceeded in the history of sorghum culture in this State. The total yield was 1,160,474 gallons.

The price obtained was low in proportion to the large yield, but 37 cents per gallon being obtained.

The total value of the sorghum crop was \$429,120.

The following table gives the area, yield and value of the sorghum produced in the State since 1877:

YEAR.	Acreage.	Av. yield per acre— gal.	Total number of gallons.	Price per gallon.	Value of crop.
1877.....	19,335	63	1,237,164	\$0 42	\$515,409
1878.....	14,638	80	1,174,549	45	528,547
1879.....	17,883	73	1,309,400	38	497,572
1880.....	9,825	65	636,216	42	267,211
1881.....	8,263	55	456,714	55	251,193
1882.....	13,757	61	816,892	50	408,446
1883.....	14,023	90	1,272,287	50	604,157
1884.....	13,854	100	1,389,243	45	631,270
1885.....	13,890	92	1,289,446	40	519,622
1886.....	12,637	81	1,021,855	38	393,497
1887.....	11,231	60	673,738	46	309,098
1888.....	11,447	101	1,160,474	37	429,120

BUCKWHEAT.

In but few counties in the State was there over a hundred acres in buckwheat, viz: Lake, Lawrence, Marion, McHenry and Richland. The total area devoted to the crop was 2,193 acres

CROP REPORT.

The average yield per acre was 16 bushels, making a total yield of 35,752 bushels.

The total value of the crop was \$23,350, and the price obtained per bushel, 65 cents.

The following table gives the area, yield and value of the buckwheat crop in this State for the past twelve years.

YEAR.	Acreage.	Av. yield per acre.	Bushels produced	Price per bush.	Value of crop.
1877.....	15,880	13	207,696	\$0 73	\$151,612
1878.....	16,060	9	155,340	1 33	206,608
1879.....	10,786	10	112,180	77	85,257
1880.....	6,681	9	62,128	77	47,838
1881.....	8,648	4½	16,374	1 12	18,329
1882.....	2,469	25	63,743	77	49,838
1883.....	3,491	14	49,397	85	41,800
1884.....	3,526	17	58,641	64	37,864
1885.....	4,318	15	66,874	64	43,174
1886.....	4,830	13	64,136	56	36,256
1887.....	3,051	11	33,584	65	21,832
1888.....	2,193	16	35,752	65	23,350

HUNGARIAN AND MILLET.

More attention is being paid to these grasses each year, as the increased product of seed from year to year will testify.

The yield for 1888, 55,383 bushels, was 16,339 bushels more than was raised in 1837.

The price obtained was 61 cents per bushel, and the total value of the crop was \$35,126.

The following table gives the yield and value of this crop since 1877:

YEAR.	Bushels produced.	Price per bushel.	Total value.
1877.....	17,463	\$0 65	\$10,701
1878.....	26,787	55	14,733
1879.....	43,776	75	32,832
1880.....	66,889	70	46,752
1881.....	76,180	95	72,370
1882.....	77,423	69	53,422
1883.....	70,007	62	43,201
1884.....	33,513	51	17,187
1885.....	22,203	60	13,418
1886.....	32,175	54	17,553
1887.....	39,049	65	25,385
1888.....	55,388	63	35,126

TIMOTHY SEED.

The amount of timothy seed produced last year, 134,006 bushels, was much smaller than the previous crop, and the price obtained, \$1.70 per bushel, was also lower than in 1887. The total value of the 1888 crop was \$224,651.

The following table gives the yield and value of the timothy seed produced in the State since 1877:

YEAR.	Bushels produced.	Price per bushel.	Total value.
1877.....	483, 571	\$1 25	\$604, 464
1878.....	261, 559	1 25	326, 949
1879.....	213, 329	2 25	479, 990
1880.....	400, 124	2 20	880, 272
1881.....	426, 531	2 60	1, 108, 980
1882.....	320, 653	1 68	538, 697
1883.....	358, 895	1 35	476, 447
1884.....	389, 056	1 30	512, 438
1885.....	167, 456	1 55	258, 376
1886.....	179 178	1 65	294, 803
1887.....	139, 561	2 25	311, 421
1888.....	134, 006	1 70	224, 651

CLOVER SEED.

There was considerably less clover seed raised in Illinois in 1888 than the previous year, but 134,006 bushels being produced.

The total value of the crop was \$563,412, a price of \$4.60 per bushel.

Over five thousand bushels of clover seed were raised in each of the following counties, viz: Adams, Fulton, Macoupin and Wabash.

In the following table will be found the yield and value of the crop of clover seed for 1888, as well as for the eleven years preceding:

YEAR.	Bushels produced.	Price per bushel.	Total value.
1877.....	64, 686	\$4 80	\$310, 493
1878.....	77, 388	4 05	313, 421
1879.....	138, 191	5 00	690, 955
1880.....	87, 144	4 60	400, 862
1881.....	125, 042	5 20	650, 218
1882.....	55, 862	5 00	279, 310
1883.....	78, 656	4 75	375, 066
1884.....	138, 920	4 40	609, 945
1885.....	72, 969	5 00	365, 523
1886.....	122, 612	4 30	524, 271
1887.....	180, 267	4 15	747, 982
1888.....	122, 906	4 60	563, 412

BEANS.

The area devoted to beans the past season, 2,434 acres, as well as the yield per acre, 14 bushels, were both larger than in 1887, and the yield of 34,651 bushels, was nearly fifty per cent. larger than the preceding crop.

The price obtained per bushel was \$1.60, the crop returning to the producer \$54,776.

The following table gives the area, yield and value of the 1888 crop of beans, together with those of eleven years preceding:

CROP REPORT.

YEAR.	Acreage.	Av. yield per acre.	Yield in bushels.	Price per bushel.	Value of crop.
1877	1,545	13	19,955	\$1 50	\$29,916
1878	1,669	16	18,627	1 35	25,146
1879	2,674	14	36,217	1 50	53,225
1880	1,398	11	15,894	1 60	25,430
1881	1,012	3	3,267	3 30	10,681
1882	983	9	9,776	2 22	21,103
1883	1,091	14	15,738	2 00	31,374
1884	1,621	13	21,335	1 55	33,017
1885	2,660	17	44,457	1 45	64,908
1886	1,222	16	17,785	1 60	28,806
1887	1,923	12	23,151	2 15	49,983
1888	2,434	14	34,651	1 60	54,776

CASTOR BEANS.

There has been a decrease in the area devoted to this crop, for the last three years, but 10,981 acres being planted in 1888. The yield per acre of 7 bushels, is the same as reported for the last three years. The total yield was 78,813 bushels.

The price obtained, \$1.30 per bushel, is nearer the normal than in 1887, when castor beans brought but \$1 per bushel. The total value of the crop was \$103,303

In the following table is given the area, yield and value of the last twelve crops of castor beans:

YEARS.	Acreage.	Av. yield per acre— bushels.	Yield in bushels.	Price per bushel.	Value of crop.
1877	4,503	31 $\frac{1}{4}$	17,538	\$1 10	\$19,512
1878	371	7	2,526	1 25	3,157
1879	3,085	8 1-5	24,314	1 00	24,314
1880	500	6 4-5	3,480	1 05	3,654
1881	758	5 $\frac{1}{4}$	4,005	1 65	5,608
1882	2,088	2 $\frac{1}{2}$	4,346	1 25	5,476
1883	433	8	3,464	1 35	4,668
1884	1,108	17	19,295	1 60	30,794
1885	3,825	12	46,283	1 65	76,997
1886	19,374	7	136,518	1 30	175,211
1887	14,978	7	95,721	1 00	95,596
1888	10,981	7	78,813	1 30	103,303

TOBACCO.

An increased area was sown to tobacco in 1888, over 1887, the area being 4,107 acres.

A good average yield of 800 pounds per acre was raised, making the total production 3,287,017 pounds.

This crop returned to the producer \$133,576, at an average price of 4 cents per pound.

In but four counties in the State was there over two hundred acres in tobacco, viz: Franklin, 979; Hamilton, 1,237; JoDavies, 250 and Williamson, 918 acres.

The following table gives the area, yield and value of the tobacco crops from 1877 to 1888:

YEARS.	Acreage.	Av. yield per acre— pounds.	Pounds produced.	Price per pound.	Value of crop.
1877.....	12,320	640	7,885,586	\$0 08	\$638,84
1878.....	3,831	581	2,263,492	07	158,79
1879.....	3,079	800	2,441,329	09	246,71
1880.....	4,091	658	2,736,407	08	218,91
1881.....	3,854	453	1,749,474	08	139,79
1882.....	3,798	622	2,345,931	07	164,21
1883.....	3,092	710	2,195,446	06	149,92
1884.....	4,842	767	3,716,408	09	321,58
1885.....	7,028	802	5,634,066	05	310,92
1886.....	10,365	745	7,719,794	04	313,71
1887.....	2,705	544	1,471,528	05	76,53
1888.....	4,107	800	3,287,017	04	133,576

PASTURES.

There has been a slight increase each year since 1881, in the area devoted to pastures in this State. The area of 1883, 5,796,935 acres, is 833,616 acres more than in 1887.

The value of the pasturage of the State was \$22,259,067.

The following table gives the area and value of pastures for twelve years past:

YEAR.	Acreage.	Value per acre.	Total value
1877.....	4,367,603	\$3 38	\$14,764,112
1878.....	3,983,450	3 10	12,324,657
1879.....	4,193,884	2 95	12,319,620
1880.....	4,257,054	3 40	14,491,114
1881.....	2,206,621	3 40	14,397,176
1882.....	4,697,966	3 75	17,578,690
1883.....	4,752,828	3 60	17,073,741
1884.....	5,085,817	3 89	19,241,247
1885.....	5,417,147	3 25	17,729,714
1886.....	5,537,873	3 45	19,248,836
1887.....	5,630,571	3 10	17,327,126
1888.....	5,796,935	3 85	22,259,067

VEGETABLES.

IRISH POTATOES.

The area planted to Irish potatoes in 1888 was somewhat smaller than in 1887, but the yield per acre, 100 bushels, was so much larger than that of the previous year, that the total production of 12,431,627 bushels, was over twice as large as in 1887.

The price per bushel, 37 cents, was unusually low, and the total value of the crop was \$4,554,268.

The following table gives the area, yield and value of the Irish potato crop of the State for the past twenty-nine years:

YEAR.	Number of acres.	Average yield per-acre—bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	69,225	80	5,540,390	\$0 31	\$1,717,520	\$24 80	\$20 55	\$1,423,190	\$294,330	.....
1861.....	69,225	80	5,540,390	20	1,606,713	23 19	20 55	1,423,190	183,523	.....
1862.....	64,444	100	6,444,400	40	2,577,762	40 00	20 55	1,324,324	1,253,438	.....
1863.....	73,650	70	5,155,523	74	3,815,687	51 80	20 55	1,513,507	2,301,580	.....
1864.....	55,521	81½	4,511,083	1 15	5,187,745	93 43	20 55	1,140,956	4,036,789	.....
1865.....	50,124	117	5,864,408	47	2,770,933	55 27	20 55	1,030,048	1,740,885	.....
1866.....	55,983	86½	5,102,035	64	3,265,302	55 36	20 55	1,212,100	2,053,202	.....
1867.....	60,710	60½	3,673 000	1 20	4,407,690	72 60	20 55	1,247,590	3,160,010	.....
1868.....	53,521	71	3,800,000	81	3,078,000	57 51	20 55	1,099,856	1,978,144	.....
1869.....	72,815	103	7,500,000	41	3,075,000	42 23	20 55	1,496,348	1,578,652	.....
1870.....	104,037	81	8,427,000	64	5,393,280	51 84	20 55	2,147,960	3,255,320	.....
1871.....	117,409	61	7,162,000	85	6,087,700	51 94	20 55	2,412,755	3,674,945	.....
1872.....	128,906	75	9,668,000	46	4,448,280	34 50	20 55	2,649,018	1,798,262	.....
1873.....	137,750	40	5,510,000	1 12	6,171,200	44 80	20 55	2,830,762	3,340,438	.....
1874.....	135,236	55	7,438,000	83	6,173,540	45 65	20 55	2,779,100	3,394,440	.....
1875.....	118,750	128	15,200,000	32	4,864,000	40 96	20 55	2,540,312	2,424,688	.....
1876.....	126,000	75	9,450,000	61	5,764,500	45 75	20 55	2,589,300	3,175,200	.....
1877.....	95,717	71	6,795,349	45	3,057,907	32 95	20 55	1,966,984	1,090,923	.....
1878.....	81,460	63	5,095,477	47	2,394,874	29 61	20 55	1,674,003	720,871	.....
1879.....	90,351	78	7,125,932	50	3,506,788	39 00	20 55	1,858,113	1,650,075	.....
1880.....	93,387	69	6,470,811	56	3,689,348	38 64	20 55	1,992,702	1,696,646	.....
1881.....	85,357	47	4,043,377	1 08	4,393,676	50 76	20 55	1,805,478	2,591,198	.....
1882.....	106,895	100	10,730,234	58	6,261,307	58 00	21 10	2,255,346	4,005,961	.....
1883.....	118,766	125	14,483,006	35	5,105,203	43 75	21 10	2,507,842	2,622,892	.....
1884.....	125,893	94	11,806,082	35	4,093,956	32 52	21 00	2,642,399	1,451,557	.....
1885.....	113,452	89	10,146,159	45	4,377,401	38 58	21 20	2,403,996	1,963,405	.....
1886.....	114,868	80	9 179,631	45	4,126,265	35 92	21 25	2,441,895	1,684,370	.....
1887.....	125,168	44	5,471,356	80	4,363,282	34 86	21 32	2,669,440	1,693,842	.....
1888.....	123,911	100	12,431,627	37	4,554,268	36 75	22 10	2,740,973	1,813,295	.....

SWEET POTATOES.

There was an increase in the area planted to sweet potatoes in 1883, of 340 acres.

The yield per acre of one hundred bushels was unusually large. But once since 1877 has there been so large a yield, in 1834, when 103 bushels per acre was produced.

The total product, 323,906 bushels, is the largest production of sweet potatoes in the State.

Sixty-nine cents per bushel was obtained for the crop, making the total value \$224,743.

The following table gives the area, yield and value of the 1888 crop, together with those of the eleven preceding years:

YEAR.	Acreage.	Av. yield per acre— bush.	Yield in bushels.	Value per bushel.	Value of crop.
1877.....	2,355	63	148,270	\$0 85	\$126,029
1878.....	1,729	67	116,944	85	99,402
1879.....	1,423	88	126,169	90	112,552
1880.....	3,382	66	224,523	90	201,070
1881.....	1,815	63	114,486	1 08	123,645
1882.....	2,785	77	216,283	80	173,020
1883.....	2,696	83	228,605	75	171,847
1884.....	2,681	103	276,364	67	184,077
1885.....	2,825	92	261,590	59	153,716
1886.....	3,306	87	286,505	69	197,401
1887.....	2,881	68	196,594	95	186,084
1888.....	3,221	100	323,906	69	224,743

TURNIPS AND OTHER ROOT CROPS.

The following table gives the acreage and value of turnips, and other root crops grown in the State during the past twelve years:

YEAR.	Acreage.	Value per acre.	Value of crop.
1877.....	7,056	\$39 55	\$279,136
1878.....	3,775	40 85	154,140
1879.....	3,139	230 15	722,444
1880.....	2,300	45 85	105,414
1881.....	3,046	147 20	448,369
1882.....	3,809	245 25	934,291
1883.....	4,361	205 75	897,304
1884.....	3,856	75 75	292,181
1885.....	3,002	83 50	257,387
1886.....	5,002	76 75	383,966
1887.....	2,592	81 20	210,432
1888.....	3,802	93 12	354,046

LIVE STOCK.

HOGS.

The number of hogs assessed in May, 1833, was 4,035,733, or 722,416 more than in 1887.

The number of fat hogs marketed was 3,349,646, which had an average weight of 233 pounds, and a gross weight of 771,523,633 pounds.

The price of hogs during the past season, \$4.90 per hundred, was higher than for a number of years past, the total value of the hogs sold being \$37,759,881.

The following table gives the number, weight and value of the hogs marketed during the year:

YEAR.	Assessors' returns.		Estimated per cent. marketed.	Number of fat hogs marketed.	Av. gross weight per head.	Total gross weight.	Value per 100 lbs. gross.	Total value hog product.
	Number.	Value.						
1856.....	1,596,903	\$3,375,247	70	1,117,832	*262	292,871,984	\$4 75	\$13,911,420
1857.....	1,896,585	4,032,588	70	1,325,509	*262	347,283,358	3 90	13,544,049
1858.....	1,908,603	3,482,116	70	1,336,022	*262	350,037,764	5 05	17,676,909
1859.....	1,725,328	2,495,042	70	1,207,730	*262	316,425,260	4 70	14,871,989
1860.....	1,530,256	2,745,915	70	1,071,179	*262	280,648,898	4 55	12,769,525
1861.....	2,196,581	4,032,874	70	1,537,607	*262	402,853,034	2 45	9,869,898
1862.....	2,601,395	3,198,807	70	1,820,976	*262	477,695,712	3 35	15,982,706
1863.....	2,516,138	2,249,709	70	1,754,296	*262	459,625,552	5 35	24,589,964
1864.....	2,044,847	2,799,158	70	1,441,391	*262	375,024,442	11 45	42,940,294
1865.....	1,746,005	3,359,621	70	1,220,103	288	351,389,664	9 35	32,854,937
1866.....	2,007,500	4,474,354	70	1,405,250	290	407,522,500	5 75	23,432,544
1867.....	2,616,814	5,230,731	70	1,831,770	251	459,774,270	6 35	29,195,668
1868.....	2,300,150	3,692,869	70	1,670,105	257	418,796,985	8 15	33,724,455
1869.....	2,056,304	3,929,832	70	1,429,413	256	365,929,728	9 20	33,665,532
1870.....	2,220,651	4,114,108	70	1,554,456	207	446,128,872	5 25	23,421,767
1871.....	2,938,749	4,613,529	70	2,057,124	284	584,233,216	4 10	23,953,151
1872.....	3,292,165	4,060,736	70	2,004,515	290	668,309,350	3 75	25,061,599
1873.....	3,560,192	11,279,720	70	2,492,134	267	665,399,778	4 35	28,944,891
1874.....	3,452,213	8,972,402	70	2,416,549	261	630,719,289	6 65	41,942,833
1875.....	2,803,969	8,157,128	70	1,966,978	271	533,051,038	7 05	37,580,095
1876.....	2,665,935	8,934,673	70	1,866,154	268	500,129,272	5 75	28,757,435
1877.....	2,961,366	7,580,920	82	2,455,573	252	618,804,396	4 25	26,299,187
1878.....	2,335,550	4,991,275	68	2,271,493	242	550,955,097	2 80	15,426,743
1879.....	2,799,051	3,812,328	90	2,543,278	276	702,162,812	3 30	23,169,892
1880.....	3,223,557	4,800,364	84	2,642,606	248	656,485,450	4 00	26,259,416
1881.....	2,872,074	5,354,800	71	2,039,149	234	492,096,606	5 25	25,946,974
1882.....	3,390,335	5,455,161	83	2,813,961	244	686,908,678	6 40	43,832,117
1883.....	3,414,739	5,767,778	83	2,834,220	233	786,454,022	4 75	32,702,001
1884.....	2,808,898	5,205,740	83	2,361,374	236	549,650,787	4 50	24,886,854
1885.....	3,858,030	6,018,527	83	3,202,145	239	764,111,688	3 50	26,673,739
1886.....	3,701,495	4,885,973	83	3,072,229	234	719,271,490	3 60	26,076,402
1887.....	3,313,317	4,903,709	83	2,749,941	231	636,049,783	4 10	26,187,640
1888.....	4,035,733	4,930,741	83	3,349,646	233	771,523,631	4 90	37,759,881

stimated.

CATTLE.

The assessors' returns of cattle for May, 1888, show a less number on hand at that date than in May, 1887. The number returned by assessors was 2,465,288.

The number of beef cattle marketed during the year was 567,011, with an average weight of 1,079 pounds, and a gross weight of 612,056,304 pounds.

The value of the beef cattle marketed in the State was \$20,402,836, or \$3.33 per hundred, live weight.

YEAR.	Assessors' Returns.		Estimated per cent. marketed.	Number beef cattle marketed.	Av. gross weight per head.	Total gross weight.	Value per 100 pounds gross.	Value beef cattle marketed.
	Number.	Value.						
1856.....	1,169,855	\$15,572,065	20	239,971	*1,000	238,971,090	*\$4 75	\$11,113,622
1857.....	1,351,209	16,171,830	20	270,242	*1,000	270,242,000	*4 75	12,836,495
1858.....	1,422,249	44,442,821	20	284,450	*1,000	284,450,000	*4 75	13,541,375
1859.....	1,336,565	12,371,600	20	267,513	*1,000	266,513,000	*4 75	12,706,867
1860.....	1,425,978	12,468,537	20	285,196	*1,000	285,196,000	*5 00	14,259,800
1861.....	1,428,362	11,491,803	20	285,672	*1,000	285,672,000	*5 00	14,281,000
1862.....	1,603,946	11,032,662	20	320,790	*1,000	320,790,000	*5 00	16,039,500
1863.....	1,684,892	12,699,732	20	336,978	*1,000	336,978,000	*5 00	16,848,900
1864.....	1,370,783	13,709,418	20	374,157	*1,000	374,157,000	5 05	13,844,928
1865.....	1,568,280	14,285,862	20	213,656	*1,000	213,656,000	5 70	12,178,392
1866.....	1,435,769	13,279,620	20	287,154	*1,000	287,154,000	5 60	16,080,626
1867.....	1,386,381	17,179,165	20	297,276	*1,000	297,276,000	5 75	17,093,370
1868.....	1,520,963	15,801,830	20	304,195	1,085	340,049,405	5 75	18,977,840
1869.....	1,584,445	15,497,350	20	316,889	1,103	346,528,567	5 70	19,923,130
1870.....	1,578,015	14,555,321	20	315,603	1,110	350,319,330	5 85	20,493,679
1871.....	1,611,349	14,605,415	20	322,270	1,129	363,842,830	4 75	17,282,533
1872.....	1,684,029	14,778,925	20	336,809	1,137	382,948,422	4 85	18,572,997
1873.....	2,015,819	35,776,899	20	403,164	1,145	461,622,780	4 50	20,773,026
1874.....	2,042,827	31,928,374	20	408,465	1,152	470,551,689	4 85	22,821,757
1875.....	1,935,155	28,523,950	20	397,031	1,147	445,394,557	4 85	22,086,633
1876.....	1,857,301	24,827,932	20	371,460	1,156	429,407,760	4 05	17,891,016
1877.....	1,750,931	21,677,643	24	423,984	1,097	448,151,088	4 25	19,006,421
1878.....	1,775,401	19,861,633	20	357,816	1,021	365,458,112	3 45	12,608,304
1879.....	1,862,265	18,893,811	24	467,331	980	448,463,450	3 50	15,696,219
1880.....	1,999,788	19,895,484	23	473,727	1,042	493,554,661	3 65	18,014,743
1881.....	2,045,366	20,528,846	23	470,424	1,129	531,280,052	4 15	21,950,890
1882.....	2,012,902	20,497,966	23	462,943	1,118	517,619,770	4 45	33,135,715
1883.....	1,959,867	20,581,411	23	453,055	1,060	481,144,410	4 25	20,448,637
1884.....	1,990,927	20,176,698	23	457,887	1,093	500,412,461	4 50	22,521,246
1885.....	2,166,059	20,815,827	23	497,586	1,101	548,126,905	3 95	21,595,137
1886.....	2,337,074	20,659,734	23	538,921	1,104	595,120,137	3 50	21,005,174
1887.....	2,481,401	20,612,132	23	571,481	1,060	605,887,679	3 25	19,631,401
1888.....	2,465,288	17,528,198	23	567,011	1,079	612,056,304	3 35	20,402,836

*Estimated.

SHEEP.

The decrease in the number of sheep in the State each year is constant, and the outlook for this branch of stock raising is not encouraging. The number of sheep reported to assessors last spring was 682,093.

The number marketed during the year was 150,052. The average live weight was a fraction over one hundred pounds, the total live weight being 15,078,544 pounds.

The price of sheep, \$3 30 per hundred, is higher than since 1884, and the total value of sheep marketed was \$494,812.

The following table gives the number, weight and value of sheep marketed in the State since 1856:

YEAR.	Assessors' Returns.		Estimated per cent. marketed.	Number fat sheep marketed.	Av. gross weight per head.	Total gross weight.	Value per 100 pounds gross.	Value fat sheep product.
	Number.	Value.						
1856	786,433	\$940,034	20	157,286	*90	14,155,740	*\$3 50	\$495,450
1857	760,602	881,226	20	152,120	*90	13,690,300	*3 70	506,560
1858	760,793	806,455	20	152,158	90	13,694,220	2 30	314,967
1859	647,334	682,082	20	129,467	91	11,791,497	3 80	447,694
1860	584,430	695,035	20	116,886	95	11,104,170	3 39	366,440
1861	731,809	747,437	20	146,278	104	15,212,704	3 30	366,439
1862	913,024	982,285	20	182,605	102	18,625,710	3 90	625,432
1863	1,206,625	1,910,654	20	241,325	110	26,565,750	4 95	1,214,012
1864	1,606,144	2,876,696	20	321,229	111	35,656,319	5 91	2,107,293
1865	2,165,972	3,955,102	20	433,194	*90	38,947,460	5 65	3,292,788
1866	2,416,980	3,283,595	20	483,016	104	50,233,664	4 35	2,185,196
1867	2,599,998	3,512,590	20	519,999	98	50,950,922	*4 25	2,195,796
1868	2,336,717	2,337,895	20	467,343	*90	42,961,870	3 80	1,598,314
1869	1,957,513	1,612,472	20	391,513	85	33,278,605	3 85	2,281,226
1870	1,434,236	994,610	20	286,847	*90	25,816,230	4 19	1,058,464
1871	1,073,497	632,254	20	214,699	*90	19,322,910	4 40	850,207
1872	1,010,475	1,024,468	20	202,095	*90	17,183,550	4 15	754,826
1873	1,082,104	2,135,593	20	218,421	90	19,657,890	4 75	933,750
1874	1,036,831	1,676,090	20	207,366	*90	18,962,744	4 40	821,168
1875	928,056	1,399,397	20	185,611	*90	19,704,990	4 90	818,545
1876	824,854	1,185,736	30	164,971	*90	14,874,390	4 50	698,133
1877	757,105	1,008,054	*31	241,422	95	23,176,512	4 40	1,019,766
1878	775,757	883,036	*18	144,762	86	12,531,597	3 80	476,201
1879	847,101	930,607	*22	191,368	94	18,071,371	2 98	538,528
1880	1,088,544	1,403,352	*20	261,230	92	26,550,072	3 55	938,861
1881	964,696	1,346,822	*24	193,384	101	17,817,358	3 40	605,448
1882	1,203,183	1,348,181	22	264,576	161	26,641,005	3 09	954,863
1883	1,141,104	1,264,202	22	651,031	102	25,506,490	3 40	874,853
1884	933,330	1,083,853	22	205,322	100	20,638,432	3 30	679,758
1885	953,933	973,012	22	209,854	98	20,691,213	2 85	589,516
1886	892,644	848,012	22	196,375	99	19,538,651	3 00	582,509
1887	777,716	746,607	22	163,010	99	16,668,685	3 05	511,765
1888	682,093	654,809	22	150,052	100	15,078,544	3 30	494,842

*Estimated.

†Assessors' Returns.

WOOL.

The amount of wool shorn in 1888, 2,927,015 pounds, was 203,017 pounds less than the amount shorn in 1837.

The price per pound, 22 cents, is lower than for two years past, the total value of the clip being \$654,594.

The following table gives the number of pounds shorn, the price per pound, and the total value of the wool clip for twelve years past:

YEAR.	Number pounds shorn.	Price per pound.	Total value.
1877	3,291,677	\$0 30	\$987,503
1878	2,891,087	25	722,752
1879	3,914,558	35	1,380,595
1880	4,757,938	34	1,617,698
1881	4,636,711	29	1,344,646
1882	4,570,081	27	1,233,922
1883	4,447,808	26	1,099,822
1884	4,301,024	21	912,418
1885	3,853,505	21	815,509
1886	3,577,253	23	843,521
1887	3,130,132	24	753,554
1888	2,927,015	22	654,594

HORSES.

The number of horses in the State in May, 1888, was 956,909, an increase of 42,883 during the year.

The number of colts foaled during the year was 137,563, which was 15,073 more than was reported for 1887.

A table published elsewhere in this report gives the number of horses and colts assessed, and the number of colts foaled for five years past.

DAIRY PRODUCTS.

MILK.

The following table gives the number of gallons and value of the milk sold in the State during the past twelve years:

YEAR.	Gallons sold.	Price per gallon.	Total value.
1877	17,124,506	\$0 11 1-6	\$1,912,236
1878	30,567,415	10½	3,209,579
1879	96,659,845	08	7,732,788
1880	38,986,861	09 1-6	3,573,796
1881	40,153,488	09½	3,814,581
1882	41,433,620	20	8,286,724
1883	43,006,273	14	5,923,207
1884	50,056,318	13	6,703,071
1885	54,321,937	14	7,583,372
1886	53,413,138	12	6,679,360
1887	42,000,560	13	5,505,375
1888	67,185,426	13	8,895,166

CREAM.

The quantity and value of the cream sold in the State since 1876 is given in the following table:

YEAR.	Gallons sold.	Price per gallon.	Total value.
1877	2,744,259	\$0 55	\$1,509,342
1878	62,707	52	32,608
1879	230,497	49	112,943
1880	601,314	50	300,657
1881	1,380,939	51	704,279
1882	2,188,396	62	1,356,805
1883	2,324,579	27	1,229,826
1884	1,479,183	40	600,219
1885	2,553,415	46	1,184,986
1886	3,468,498	50	1,728,293
1887	2,435,439	52	1,271,451
1888	3,418,261	49	1,663,023

BUTTER.

In the following table will be found the quantity and value of the butter sold in Illinois during the past twelve years:

YEAR.	Pounds sold.	Price per pound.	Total Value.
1877	18,970,227	\$0 20	\$3,794,045
1878	17,997,652	15	2,699,648
1879	25,028,225	19	4,755,363
1880	24,553,449	20	4,910,690
1881	21,578,414	26	5,610,647
1882	21,658,054	25	5,414,763
1883	22,198,370	25	5,606,737
1884	22,696,333	21	4,749,507
1885	20,166,720	19	3,812,664
1886	19,779,293	19	3,726,323
1887	19,121,237	21	3,970,919
1888	21,568,159	23	5,009,069

CHEESE.

The following table shows the quantity and value of the cheese sold in the State since 1876:

YEAR.	Pounds sold.	Value per pound.	Total Value.
1877	4,502,671	\$0 12	\$540,320
1878	5,139,914	10	513,691
1879	6,618,212	13	860,367
1880	6,187,680	13	803,398
1881	5,837,974	15	875,696
1882	5,252,036	14	735,285
1882	4,931,826	14	672,474
1884	4,795,697	10	488,622
1885	2,312,266	10	230,795
1886	2,557,865	10	267,503
1887	3,484,935	12	422,018
1888	2,064,134	12	253,618

FRUITS.

APPLES.

The number of bushels of apples produced in the State in 1888, was 2,393,870.

The following table gives the number of bushels of apples, and the value of the crops, since 1876:

YEAR.	Number of bushels.	Price per bushel.	Value of crop.
1877	5,395,351	\$0 80	\$4,316,281
1878	4,940,811	65	3,211,527
1879	5,958,690	75	4,469,017
1880	10,342,186	56	5,791,624
1881	2,659,529	1 22	3,244,625
1882	6,557,128	80	5,245,702
1883	6,818,520	75	5,134,042
1884	4,152,925	65	2,987,850
1885	3,778,644	61	2,292,731
1886	4,037,765	52	2,118,640
1887	1,952,338	85	1,704,695
1888	2,393,870	45	1,074,099

PEACHES.

The following table gives the quantity and value of the peaches produced in the State during the past twelve years:

YEAR.	Number of bushels.	Price per bushel.	Value of crop.
1877	402,587	\$0 92	\$370,280
1878	607,292	62	376,521
1879	25,749	1 34	34 503
1880	398,970	80	219,176
1881	96,507	1 55	149,586
1882	319,911	83	265,526
1883	260,923	1 10	286,765
1884	135,329	1 70	227,443
1885	51,466	75	38,741
1886	36,783	1 25	45,705
1887	12,829	1 20	15,213
1888	153,566	61	93,083

PEARS.

The following table gives the extent and value of the pear crop of the State, since and including 1877:

YEAR.	Number of bushels.	Price per bushel.	Value of crop.
1877	16,318	\$1 35	\$22,704
1878	13,510	1 25	16,887
1879	6,134	1 55	9,508
1880	35,714	1 30	46,428
1881	14,135	1 80	25,443
1882	9,964	1 33	13,252
1883	7,128	1 60	12,737
1884	4,418	1 40	6,128
1885	11,450	1 05	12,317
1886	5,579	1 15	7,489
1887	5,526	1 75	9,671
1888	5,372	1 00	5,533

OTHER FRUITS AND BERRIES.

The following table gives the acreage and value of other fruits and berries not named above, for the past twelve years:

YEAR.	Acreage.	Value per acre.	Value of crop.
1877	4,523	\$39 53	\$178,800
1878	2,559	55 51	197,581
1879	3,111	59 62	185,488
1880	7,803	29 65	231,417
1881	7,670	26 34	298,086
1882	5,881	47 50	279,360
1883	4,583	58 33	267,313
1884	10,181	24 63	250,747
1885	6,401	32 46	305,123
1886	7,884	29 8	235,140
1887	7,528	27 25	205,140
1888	5,908	25 10	148,340

GRAPES.

The following table gives particulars concerning the grape crop of the State for the past twelve years:

YEAR.	Pounds produced.	Price per pound.	Total value.
1877	3,002,748	\$0 03	\$92,782
1878	1,322,636	03	57,679
1879	3,174,952	03	95,548
1880	7,833,011	03	234,991
1881	1,115,902	04	55,795
1882	1,013,390	04	40,536
1883	695,100	05	36,344
1884	467,014	05	22,500
1885	331,404	04	13,472
1886	973,773	04	26,389
1887	2,318,401	03	81,857
1888	2,273,996	03	75,322

WINE.

The following table gives the number of gallons of wine and the value thereof during the past twelve years.

YEAR.	Acreage.	Ave. yield per acre in gallons.	Number of gallons.	Price per gallon.	Total value of wine made.
1877	2,612	61	158,944	\$1 20	\$191,933
1878	5,178	27	142,964	1 20	171,557
1879	2,800	112	326,323	1 30	424,230
1880	4,340	122	530,990	1 15	610,638
1881	3,663	35	129,830	1 35	175,282
1882	3,235	30	96,282	86	82,802
1883	3,500	21	73,898	1 20	85,518
1884	1,092	21	43,114	1 15	48,605
1885	1,447	31	44,936	95	43,125
1886	2,255	50	112,714	1 05	121,408
1887	4,115	58	240,549	65	155,934
1888	1,459	80	117,297	95	110,617

WINTER WHEAT.

A somewhat less area was seeded to winter wheat last fall than the previous season. The present area is 2,051,490 acres.

In the following counties there is a larger area in this crop than in 1887: Alexander, 102 per cent.; Cass, 105; Clay, 106; DeKalb, 105; Edwards, 117; Fayette, 105; Jackson, 101; Knox, 107; Logan, 103; Monroe, 105; Morgan, 107; Pulaski, 105; Randolph, 103; Sangamon, 115; Schuyler, and St. Clair, 110; Union and Warren, 103; Washington, 102; White, 112 and Williamson, 114.

The condition of the crop December 1 was nearly up to an average. In the following counties the condition of the crop was better than usual at this date, viz: Alexander, 106; Calhoun, 110; Cass and Clinton, 105; Crawford, 104; Edwards, 102; Fayette, 105; Gallatin, 110; Greene, 104; Hardin, 121; Jackson, 110; Jasper, Johnson and Lawrence, 105; Lee, 102;

Madison, 103; Marion, 111; Massac, 113; Monroe, 110; Perry and Pope, 102; Pulaski, 112; Randolph, 127; Richland and Sangamon, 107; Shelby, 101; St. Clair and Union, 110; Washington, 115; Wayne, 109; White, 108; Williamson, 105.

WINTER RYE.

The area seeded to this crop in 1888 is eight per cent. less than that of the crop of 1887. The total area devoted to rye in this State is 254,739 acres.

The condition of the crop is the same as that of wheat, and is not quite up to an average.

A table published elsewhere in this report gives the area and condition of the crop in each county in the State.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair average vitality or growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The observers of this Department are, as a rule, farmers of extended experience and practical judgment, representative men of public spirit and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this Department during the past twelve years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

Secretary.

CORRESPONDENTS' REMARKS.

ADAMS—The average yield of corn per acre is about 39 bushels. The quality is very good. The acreage seeded to winter wheat is about the same as last season and its condition is nearly up to an average, the fall having been favorable to its growth. The same may be said of winter rye. The yield of Irish and sweet potatoes is considerably above the average and the quality is unusually good. The yield of grapes was fully 20 per cent. less than that of the previous season. Apples, pears and other fruits made a better yield than an average. The dairy interest is not receiving the attention its importance demands, and the product of 1888 is not as large as that of the previous year. The supply of marketable beef cattle is considerably less than that of 1887 on December 1, and prices are very low. There is the usual supply of mutton sheep on hand and the number of marketable fat hogs is but little over half as large as that of the previous season. Considerable attention is paid to the production of clover and timothy seed, and the yield during the past summer has been better than an average. The general condition of live stock is good, though there is a mild form of distemper or epizootic among horses.

ALEXANDER—The average yield per acre of corn is 31 bushels—the largest yield per acre ever grown in this county. The quality is fully up to the average and the crop has been gathered in good order. The area seeded to winter wheat is a little larger than that of last season and its average condition is unusually good. There is very little rye raised in this county. Its condition is good. Irish and sweet potatoes made an unusually large yield per acre and the quality is very good. Fruits of all kinds yielded an average or better crop. The apple and peach crop was the largest known for a number of years past. Very little attention is paid to the production of grass seed. There is the usual supply of marketable fat cattle, hogs and sheep on hand for December 1. The general condition of live stock is good. In some por-

tions of the county there is considerable complaint of hog cholera.

BOND—The average yield per acre of corn is 36 bushels. The quality was never better. Owing to favorable fall, little or no corn has been left standing in the field at this date. The acreage seeded to winter wheat is fully 25 per cent. less than that of last season, and the condition of the growing crop is better than an average for this season of the year. Irish potatoes yielded a better crop than usual. Sweet potatoes did not make more than half a crop. Fruit of all kinds was abundant. Considerable attention is paid to the production of grass seed, and some flax seed is raised in this county. There is an increased interest manifested in the dairy, and the product of 1888 is considerably larger than that of the previous year. There is an increase in the supply of marketable fat hogs, sheep and beef cattle, but prices are unusually low. There is little or no complaint of disease among live stock.

BOONE—The quality of the present corn crop is about as good as the average. The yield per acre is about 34 bushels. The acreage seeded to winter wheat is fully 10 per cent. less than that of last season and the condition of the growing crop is not up to the average for December 1. Owing to the dry fall, winter rye has not made the usual growth for this date. Irish potatoes did not make more than three-fourths of an average yield per acre. Grapes and apples made better than an average crop. The quality of the fruit was good. Considerable attention is paid to the production of timothy, clover, Hungarian, and flax seed. The dairy interests of this county are very large and are yearly increasing. The supply of fat hogs is but little over half that of 1887. The supply of marketable beef cattle and sheep is about the same as last season. Prices are very low. The condition and health of farm animals is good.

BROWN—The quality of the present corn crop is better than an average, and owing to the favorable season but a small per cent. remains standing in the field. The average yield per acre is 40 bushels. The acreage seeded to winter wheat is about the same as that of the previous season, and the condition of the growing crop is fair. In many portions of the county it was too dry at seeding time for the plant to make much growth. Rye is in good condition and the area is about the same as last year. Irish potatoes did not make more than three-fourths of an average yield per acre. The yield of grapes was above the average and the quality of the fruit was good. The yield of apples, pears, and other fruits was larger than has been known for years past. Considerable attention is paid to the production of timothy, Hungarian, millet and flax seeds. There is a large increase in the amount of dairy products compared with 1887. The supply of fat hogs, beef cattle, and fat sheep is about the same as that of the previous year. The condition of live stock is good. No disease reported among them.

BUREAU—The average yield of corn per acre is about 43 bushels; the quality as compared with an average, is good. There is very little winter wheat raised in this county. The area seeded to winter rye is about the same as last season, but the plant has not made the usual growth, owing to the continued dry weather during the fall. Irish potatoes made an unusually large average yield per acre. There was a fair crop of grapes, and the yield of apples was larger than for several years past. There is an increase in the production of timothy, clover, Hungarian and millet seeds, as compared with last season. The dairy interests of this county are very extensive, and all the products show an increase over that of 1887. The supply of remarkable fat hogs, sheep and beef cattle is a little less than that on hand December 1st, 1887. The condition of live stock is good.

CALHOUN—The quality of corn was never better than this season, and the yield is about 34 bushels per acre. The usual area has been seeded to winter wheat and its condition is good. There is an increase in the area seeded to winter rye. The yield of apples, pears and other fruit is fully up to the average. The supply of marketable fat hogs on hand December 1st is about 10 per cent. larger than that of last season. There is some complaint of hog cholera in the northern portion of the county.

CARROLL—The average yield per acre of corn is 37 bushels. And the quality is extra good. The weather has been favorable to gathering the crop and very little corn is left standing in the field. The area seeded to winter wheat is fully one-fifth less than that of the previous year, and the condition of the growing crop is much below the average, owing to the drouth. Winter rye has made but small growth, much of it did not make its appearance above ground until the last of October. Irish potatoes did not yield as well as usual. Grapes, apples and other fruits made about an average crop. Farmers are paying more attention to the production of timothy, clover, Hungarian and millet seeds than heretofore. The dairy interests of the

county are in a flourishing condition and are receiving more attention on each succeeding year. There is a considerable reduction in the supply of marketable fat hogs, sheep and beef cattle, as compared with the supply on hand December 1, 1887. The condition and health of live stock is good.

CASS—The average yield of corn per acre is about 48 bushels, and the quality of the grain is above the average, the crop having been gathered in good order before the winter set in. There is an increased acreage seeded to winter wheat, as compared to the previous season. The plant has made a good stand and a fair average growth. The same may be said of winter rye. Irish and sweet potatoes made better than the average yield per acre. There is a decrease in the supply of fat hogs, sheep, and beef cattle on hand as compared with December 1, 1887. Little or no attention is paid to dairying.

CHAMPAIGN—The quality of corn is above the average, and the average yield per acre is 43 bushels. In some portions of the county there are complaints of the corn being soft, owing to the late planting. There is a decrease in the area seeded to winter wheat of fully one-fifth, as compared to that of the previous season. The plant looks fine and has made good growth, and where sown early it almost covers the ground. There is very little winter rye raised in this county. Irish and sweet potatoes did not make more than half a crop. There was an abundance of grapes, apples, pears and other fruits. Considerable attention is being paid to the production of timothy, clover, Hungarian millet and flax seed. The dairy interests of this county are very large and are increasing each succeeding year. There is slight decrease in the supply of marketable fat hogs, sheep and beef cattle, as compared with that of last season. Live stock is unusually healthy and in fine condition.

CHRISTIAN—The average yield per acre of corn is about 46 bushels. Most of the crop is excellent in quality and has been gathered in good order before winter set in. The area seeded to winter wheat is fully 20 per cent. less than that of the previous season. The growing crop is in very fair condition, owing to the favorable fall. There is very little rye grown in this county. Farmers are paying considerable attention to the production of timothy seed, and the yield is much larger this season than in 1887. There is an abundance of grapes, apples, pears, peaches and other fruits. The quality has seldom been better. The interest manifested in the dairy is on the increase and for 1888 is larger than that of last season. The supply of marketable fat hogs, sheep and beef cattle is not quite as large as that of December 1, 1887. The condition of live stock is good. There is some complaint of cholera among hogs near Sharpsburg.

CLARK—The quality of corn is a little better than an average. The yield per acre is about 30 bushels. The area seeded to winter wheat is fully one-third less than that of the previous season, and the condition is hardly up to the average for this season of the year. The same may be said of winter rye. Irish and sweet potatoes made a fair

yield. There was an abundance of fruit of every description and the quality was good. Farmers are paying some attention to the production of timothy, clover and Hungarian seed. The dairy interests of this county are in fair condition as the product is about the same as last season. The supply of marketable fat hogs, sheep and beef cattle on hand December 1 is not quite as large as in 1887. In the western portions of the county there is considerable complaint of hog cholera. Other farm animals are in good condition and health.

CLAY—The average yield per acre of corn is about 30 bushels. The quality is above the average. Fields adjacent to wheat fields were injured by chinch bugs. There is an increase in the area seeded to winter wheat, and the growing crop is looking well. Very little winter rye grown in this county. There was a fair yield of grapes and apples, and a better than an average yield of pears and peaches. Farmers are paying considerable attention to the production of the various grass seeds. Considerable interest is manifested in the dairy. There is a decrease in the number of fat hogs and sheep on hand ready for market December 1, as compared with last season at corresponding date. The supply of beef cattle is fully 25 per cent. larger than that of last season. The general condition and health of farm animals is good.

CLINTON—The average yield of corn per acre is about 34 bushels, and the quality of the crop has seldom been better than this season. The area seeded to winter wheat is reduced fully 30 per cent., as compared with that of the previous season. The growing crop is in splendid condition, having made rapid and vigorous growth before winter set in. The yield of grapes, apples, peaches and pears has seldom been larger than this season. Considerable attention is given to the production of timothy, clover, Hungarian, millet and flax seed. There is a large increase in the products of the dairy, compared with last season. The supply of fat hogs and beef cattle ready for market on December 1 is fully 25 per cent. larger than that on corresponding date last season. Farm animals are in fair condition and health.

COLES—The quality of the corn crop was never better than this season, and the average yield per acre is about 45 bushels. The area seeded to winter wheat is about the same as last season, and the condition is good. Rye looks better than usual on December 1. Broom corn made a poor yield. Irish and sweet potatoes yielded a fair crop. The yield of grapes, apples, peaches and pears is larger than for several years past. Farmers are paying some attention to the production of timothy, clover, Hungarian and flax seed. The product of the dairy is not quite as large as that of last season. The supply of fat hogs on hand ready for market is fully 15 per cent. less than that on hand at corresponding date last season. The supply of beef cattle and fat sheep is about the same as that of last season. Prices are only fair. The condition and health of live stock is good.

COOK—The average yield of corn per acre is about 30 bushels. There is considerable

complaint of soft corn. The acreage seeded to winter wheat and rye is about the same as last season and the condition of the growing crop is good. Irish and sweet potatoes have made fair yield. There was a small crop of grapes, apples and pears. The fruit was inferior. Considerable attention is paid to the production of the various grass seeds. The dairy interests of the county are large and in a flourishing condition. The supply of fat hogs, sheep and beef cattle is a little less than last season. The condition of live stock is good.

CRAWFORD The quality of corn is a little better than the average, although in some localities there is much soft corn, owing to the ravages of the chinch-bug. The average yield per acre is about 31 bushels. The area devoted to winter wheat is fully one-fifth less than that of last season. The condition of the growing crop is good. There is very little winter rye grown in this county. Irish and sweet potatoes made a fair yield. Tobacco yielded better than usual and the quality is unusually good. There was an abundance of grapes, apples, peaches and pears. Farmers are paying some attention to the production of timothy, clover and Hungarian seeds. The dairy interests of the county are increasing. The supply of fat hogs and sheep, ready for market December 1, is considerably less than that on hand at a corresponding period last year. The number of marketable beef cattle is fully one-third larger than last season. Live stock is in good condition and health.

CUMBERLAND—The average yield per acre of corn is about 44 bushels, and the quality is considerably above the average. The acreage seeded to winter wheat is about the same as last season, and the condition of the growing crop is good. The same may be said of winter rye. Irish and sweet potatoes did not yield more than half a crop. Tobacco made a poor yield. There was an abundance of fruit of every description grown in this latitude. The products of the dairy show a decrease, as compared with last season. A large amount of timothy, clover, Hungarian and flax seed is produced in this county. The supply of fat hogs, sheep and beef cattle, ready for market on December 1, is one-third larger than that at corresponding date last season. Live stock is in splendid condition for the winter.

DE KALB—The quality of the present corn crop is hardly as good as that of last season. But the average yield per acre, 40 bushels, is much larger than that of 1887. There is an increase in the acreage seeded to winter wheat and rye, and the condition of the growing crop is good. The Irish potato crop was but little better than a failure. There was an abundance of grapes and apples, and the quality was very good. Considerable attention is paid to the production of timothy and Hungarian and millet seed. In no county in the State is there more interest manifested in the dairy than in De Kalb, and the creameries of this county find ready sale and command good prices in the markets of the country. There is a slight increase in the supply of marketable fat hogs, sheep and beef cattle on hand December 1, as compared with corresponding date last season. Live stock is in good condition and health.

DEWITT—The average yield per acre of corn is about 40 bushels, and the quality of the early planting is good. Some of the late planting is very soft. Irish and sweet potatoes made the usual yield per acre. There was an abundance of grapes, apples and pears, and but few peaches. Considerable attention is paid to the production of grass seeds. The interest manifested in the dairy is on the increase, and the products of the same are larger than those of last season. There is a decrease in the number of marketable fat hogs, sheep and cattle on hand December 1, as compared with corresponding date last season. There is an abundance of feed and the condition of live stock is good.

DOUGLAS—The quality of the present corn crop is very good, and the fall has been favorable for gathering and cribbing the crop in good order. The average yield per acre is about 42 bushels. The area seeded to winter wheat is fully 10 per cent less than that of last season. The condition of the growing crop is a little backward, owing to the drouth during the fall. The same may be said of winter rye. There was a large yield of grapes, apples, peaches and pears. Fruit of all kinds is more abundant than for years past. Irish and sweet potatoes made the usual yield per acre. Tobacco yielded about half a ton per acre. The dairy interests of this county are not large and but little attention is paid to this industry. There is a decrease in the number of marketable fat hogs, sheep and beef cattle on hand December 1, as compared with that of a corresponding date last season. There is some complaint of cholera among hogs in the northern part of the county. Other live stock in fine condition and health.

DUPAGE—The average yield of corn per acre will not exceed 37 bushels, and much of the late planting was injured by an early frost. There is but little winter wheat grown in this county. Winter rye was sown late on account of the dry weather and has not made the usual growth for December 1. Considerable grass seed is produced in this county. The dairy interest of this county are large and the product of 1888 exceeds that of last season. Irish potatoes did not yield as well as usual. There is large decrease in the number of hogs, sheep and beef cattle on hand December 1, as compared with corresponding date last season. The condition and health of live stock is good.

EDGAR—The quality of the present corn crop is very good, the fall having been favorable for gathering and cribbing. The average yield per acre is about 35 bushels. There is a decrease in the area seeded of winter wheat and the growing crop has not done well, owing to the drouth. Winter rye is not sown in this county for market, but for early pasture. The Irish potato crop was very poor. Sweet potatoes made a fair yield. There was an abundance of fruit of all kinds. Considerable timothy, clover and Hungarian is produced in this county. There is quite an interest manifested in the dairy, and the product for 1888 is much larger than heretofore. There is a decrease in the number of marketable fat hogs, sheep and cattle on hand December 1, as compared with corresponding date last year. Live stock is in good condition and health.

EDWARDS—The average yield of corn per acre is a little less than 30 bushels; and much of the crop was injured by the storms during the latter part of the fall. There is an increase in the area seeded to winter wheat and the plant has made rapid, vigorous growth. Very little rye grown in this county. Irish and sweet potatoes made unusually large yields. Grapes, apples, peaches and pears made better yield than last season. Considerable attention is paid to the production of the various grass seeds. The dairy products of the county are much larger than those of 1887. There is considerable decrease in the supply of fat hogs and sheep on hand December 1, as compared with corresponding date last season. The supply of beef cattle is about the same as that of 1887. Farm animals are in good health and condition.

EFFINGHAM—The average yield per acre of corn is 34 bushels; a much larger yield than has been made in this county during the past ten years. The quality of the corn was never better, and the crop has been gathered and cribbed in good order. The acreage seeded to winter wheat is about 25 per cent less than that of last season. The growing crop is in fine condition to go into winter quarters, and the prospect for a large yield is very flattering. Winter rye looks well, but is raised in only a limited portion of the county. Irish and sweet potatoes made a much better yield than usual. Tobacco yielded about a half a ton per acre. The fruit crop was better than for a number of years past, in both quality and yield. Considerable attention is paid to the production of grass seeds. There is an increased interest manifested in the dairy, by the farmers of this county. The supply of fat hogs and sheep is about the same as last season. The number of marketable beef cattle is much larger than at corresponding date in 1887. There is an abundance of feed, hence the condition of live stock is better than usual at this date.

FAYETTE—The quality of the present corn crop is hardly up to the average, and the yield per acre is about 25 bushels. The usual area has been seeded to winter wheat and rye and the growing crop looks well. Irish potatoes made a very large yield; sweet potatoes did not yield more than half a crop. There was a large crop of grapes, apples, peaches and pears, and the quality of the fruit was never better. There is a large increase in the production of timothy, clover and Hungarian seed in this county. The dairy interests are almost wholly neglected. The supply of marketable fat hogs and sheep is not quite so large as at corresponding date in 1887. There are more marketable beef cattle on hand December 1 than usual. The condition and health of farm animals is good.

FORD—The average yield per acre of corn is about 39 bushels; the quality is above the average and most of the crop has been gathered and cribbed in good order. There is a decrease in the area seeded to winter wheat and rye, and the growing crops are only in fair condition, owing to the dry weather during the fall. Irish potatoes made a very poor yield per acre. There was a large yield of grapes and apples and but little other fruit. Some attention is paid to the production of timothy, clover, Hungarian

and flax seed. The dairy is not receiving the attention on its importance deserves, and the product of this industry in this county is very small. The supply of marketable fat hogs, sheep and beef cattle, is about the same as that of last season at corresponding date. The condition and health of farm animals is good.

FRANKLIN—The average yield of corn per acre is about 37 bushels; the quality is not up to an average. Much of the corn is light and chaffy. The condition of the growing crop of wheat is very good. The acreage is not as large as that of last season. Irish potatoes made a better yield than an average per acre. There was a large yield of apples, peaches and pears. Grapes did not make the usual yield. Very little attention is paid to the production of grass seed. The number of marketable fat hogs sheep and beef cattle is fully twenty per cent. less than that of last season at a corresponding date. The weather has been favorable, feed plenty, and the condition of live stock is very good.

FULTON—The quality of the present corn crop is much better than an average, and the yield, 55 bushels per acre, is the largest yield per acre ever grown in the country. There is a decrease in the area seeded to winter wheat and winter rye, but the growing crop is in good condition, the fall having been unusually favorable. Irish potatoes made a much better crop than usual. Sweet potatoes did not yield more than half a crop. There was a large yield of grapes, apples and pears. The quality of the fruit was good. Considerable attention is paid to the production of timothy seed by the farmers of this county. There is an increase over that of last season. There is a slight decrease in the number of fat hogs, sheep and beef cattle, over that of last year at corresponding date. Live stock is in good condition and health.

GALLATIN—The quality of the present corn crop is very good, except where blown down and damaged by storms; the average yield per acre is about 40 bushels. The usual area has been seeded to winter wheat and the condition of the growing crop is very good. Irish and sweet potatoes did not make a large yield. There was a fair crop of grapes and pears, but few peaches and apples. Some attention is paid to the production of timothy, clover and Hungarian seed. There is very little interest taken by the farmers of this county in the dairy. The supply of hogs and sheep on hand December 1, ready for market, is not as large as that of last season at corresponding date. The number of marketable beef cattle is somewhat larger than that of last season. There is some complaint of cholera among hogs. There is an abundance of feed, and the weather has been favorable, hence the condition of live stock is better than usual for December 1.

GREENE—The average yield of corn per acre is a little less than 60 bushels; the quality of the crop is better than an average and but little of it is left standing in the field. The weather having been favorable to gathering and cribbing. The usual area has been seeded to winter wheat and rye, and the condition of the growing crop is better than an average for this season of the year. The

yield of Irish and sweet potatoes is larger than usual. There was an abundance of grapes, apples, peaches and pears. The quality of the fruit was good. The production of the various grass seeds was not so large this year as last. Considerable attention is paid to dairying, and the product shows an increase over that of the previous season. The supply of marketable fat hogs and sheep is not quite as large as that of last season. The number of beef cattle on hand and ready for market is larger than that at corresponding date in 1887. Farm animals are in good condition and health.

HAMILTON—The average yield of corn per acre will not exceed 30 bushels and the quality is hardly as good as usual. Much of the corn in the northern portion of the county was blown down and damaged by a storm in the fall. The area seeded to winter wheat is but little over half as large as that of the previous season, owing to the fact that the farmers are abandoning the crop on account of the chinch-bugs. The growing wheat is in fair condition. Irish and sweet potatoes made large yields per acre. Tobacco yielded a fair crop. Castor beans have done well. There was a large crop of grapes, apples, peaches and pears and the quality of the fruit was good. The amount of timothy, clover and Hungarian seed produced was about the same as last season. There is quite an interest manifested in the dairy and all its products show an increase over that of last season. The supply of fat hogs and sheep on hand for market December 1, is not quite so large as that of last season. There are more beef cattle on hand ready for market than usual. There is little or no complaint of cholera among hogs. The condition of farm animals is very good.

HANCOCK—The quality of the present corn crop is extra good. And the average yield per acre is about 36 bushels. The area seeded to winter wheat and rye is about ten per cent. less than that of last season. The condition of the growing crop is fair. The fall was a little to dry for rapid, vigorous growth. Irish potatoes made a large yield per acre, with the exception of grapes and peaches, the fruit yield was as good as ever grown in the county. The amount of grass seed produced was about the same as last season. Very little attention is paid to the dairy. The supply of fat hogs and sheep is about 25 per cent. less than that on hand December 1, 1887. There is the usual number of marketable beef cattle on hand. Farm animals are in good condition and health.

HARDIN—The average yield per acre of corn is about 30 bushels, and the quality is above the average, except in fields adjacent to wheat fields, where the chinch bugs did some damage. Winter wheat looks well and has an area about the same as last season. Irish potatoes did not yield more than half a crop. The fruit crop was, possibly the largest of any for a number of years past. Very little attention is paid to the production of grass seeds. The supply of fat hogs and beef cattle is larger than last season on December 1. Feed is abundant, weather favorable and the condition of farm animals is good.

HENDERSON—The average yield per acre of corn is about 50 bushels, and the quality is better than an average. But little of the crop remains standing in the field. Irish potatoes did not yield more than half a crop. The usual area has been seeded to winter wheat and rye and the condition of the growing crop is good. There was a fair crop of apples and grapes, but little other fruit. Considerable timothy seed was produced in this county. The product of the dairy is about the same as that of last season. There are very few marketable fat hogs and sheep in this county. The supply of beef cattle is about the same as on December 1, 1887. Farm animals generally are in good condition and health. But little cholera reported among hogs.

HENRY—The quality of corn is extra good where planted early, and very fair where planted late. The yield is about 47 bushels per acre. The usual area has been seeded to winter wheat and rye and the condition of the growing crop is good. Irish and sweet potatoes have yielded well. Fruits of all kinds made an unusually large yield and the quality has seldom been better. Considerably more timothy, clover and Hungarian seed was produced this season in this county than usual. The dairy interests are large and the product exceeds that of the previous year. There is about the same number of marketable fat cattle and sheep on hand December 1 as at corresponding date last season. The hog supply is fully 50 per cent. less than that of 1887. Farm animals are in good condition and health.

IROQUOIS—The quality of the corn crop is only fair. Much of the late planting is soft and chaffy. The average yield per acre is about 32 bushels. The usual area has been seeded to winter wheat and rye. The growing crops look well, but are a little backward, owing to the dry weather in the fall. There was a fair yield of apples, grapes and pears; quality of the fruit good. Irish and sweet potatoes did not make more than half a crop. Considerable attention is paid to the production of timothy, clover, Hungarian and flax seed. There is an increased interest manifested in the dairy, and the product of this industry is larger than the previous year. The supply of marketable fat hogs, beef cattle and sheep, on hand December 1, is about the same as last season at corresponding date. Cholera has killed off a large number of young hogs and pigs. Other farm stock are in good health and fine condition.

JACKSON—The average yield per acre of corn is 30 bushels. The quality on bottom lands is much better than that on high lands, but the crop taken as a whole is above the average. The acreage seeded to winter wheat and rye is about the same as last season and the crop has made rapid and vigorous growth during the fall. Irish and sweet potatoes made a fair average crop. Fruit of all kinds is abundant, the peach crop being the largest of any for the past ten years. Very little attention is paid to the production of grass seeds; and there is no interest whatever taken in the dairy. The supply of fat hogs on hand ready for market is not more than half as large as that of 1887. The supply of beef cattle and sheep on hand Decem-

ber 1 is about the same as at corresponding date last season. Farm animals generally are in good health and condition.

JASPER—The quality of the corn has seldom been better than this season, and the average yield per acre is about 36 bushels. The area seeded to winter wheat is fully one-fourth less than that of last season and the condition of the growing crop is good. Winter rye looks well. Irish and sweet potatoes made a fair average yield. Tobacco yielded about four-fifths of an average crop per acre. Grapes, apples, pears, peaches and other fruits yielded well, and the quality of the fruit was good. Considerable attention is paid to the production of grass seeds. There is considerable interest manifested in the dairy, and the products of this industry are much larger than last season. The number of fat hogs, sheep and beef cattle on hand December 1 ready for market is much larger than at corresponding date in 1887. The condition of live stock is good. The weather has been favorable and feed is abundant.

JEFFERSON—The quality of the present corn crop is far below the average, and yield will not exceed 15 bushels per acre. The chinch bug, after wheat harvest nearly destroyed the corn. In no county in the State is the average yield per acre so low as in this. Winter wheat looks well, but the area is very materially reduced when compared with the previous seeding. There was a fair crop of apples and peaches but few grapes. Farmers are beginning to pay some attention to the dairy, but not as much as the importance of this industry demands. There is an increase in the supply of fat hogs, cattle and sheep on hand December 1 as compared with that of last season at corresponding date. Live stock is in fair condition and health.

JO DAVIESS—The average yield of corn per acre is about 37 bushels, and there is some complaint of soft corn and the quality generally is below the average. The area seeded to winter wheat and rye is somewhat less than that of last season. And the condition of the growing crop is not as good as usual for this date, owing to the dry weather since seeding. Irish potatoes yielded about two-thirds of a crop. Tobacco made more than half a ton per acre and the quality is excellent. There was an abundance of grapes and apples, but little other fruit. Considerable attention is paid to the production of grass seed. The dairy interests of this county are extensive and in a flourishing condition. The supply of fat hogs and beef cattle is fully 25 per cent. less than that on hand December 1, 1887. Farm animals are in good condition and health.

JOHNSON—The average yield of corn per acre is 32 bushels. Much of the corn is soft and chaffy, owing to the damage done by the chinchbug after harvest. The area seeded to winter wheat and rye is about the same as last season. The stand is good and the plant is making rapid and vigorous growth. Irish and sweet potatoes made much larger than an average yield. Tobacco yielded very well. Broom corn made about one-half ton per acre, and castor beans nearly 15 bushels per acre. There was better than an average crop of peaches, apples, pears and

other fruits. The quality was very good. Little or no attention is paid to the dairy by the farmers of this county. The supply of fat hogs on hand December 1, ready for market, is considerably less than that on hand last season. The supply of beef cattle and fat sheep is much larger than on December 1, 1887. The condition of farm animals has seldom been better than this fall. Feed is abundant and the weather favorable to out-door stock.

JERSEY—The average yield of corn per acre, 60 bushels, is possibly the largest average yield ever grown in the county. The quality is excellent and the crop has been gathered and cribbed in good order. The usual area has been seeded to wheat and rye. Both crops look well. Irish potatoes did not yield more than three-fourths of a crop. There was an abundance of grapes and pears, but about half a crop of apples and peach-s. Very little attention is paid to the production of grass seeds. The supply of fat hogs was fully 25 per cent. less than that on hand December 1, 1887. There are the usual number of beef cattle and fat sheep on hand and ready for market. Live stock is in fine condition and health. Feed is abundant and the weather is favorable.

KANE—The quality of the corn crop is hardly up to the average. The yield is about 35 bushels per acre. The area seeded to winter wheat and rye is about twenty per cent. less than that of last season. The growing crop has not done well, owing to the drouth during the fall. Irish potatoes yielded scarcely half a crop. There was a fair crop of grapes, apples and pears, but few peaches. Considerable attention is paid to the production of timothy, clover, Hungarian and flax seed. The dairy interests of this county are very extensive and are in a prosperous condition. The products for 1888 are larger than those of the previous season. The supply of marketable fat hogs on hand December 1st, is fully $\frac{1}{2}$ less than that of corresponding date last season. There are about the same number of beef cattle and fat sheep in the farmers hands and ready for market, as on December 1, 1887. Farm animals are in good health and condition.

KANKAKEE—The average yield of corn per acre is about 38 bushels. The quality is not up to the average however. There is quite a reduction in the area seeded to winter wheat and rye as compared to that of last season. The growing crop is in fair condition. Irish potatoes made nearly an average yield per acre. There was an abundance of grapes and apples, but little other fruit. The usual amount of timothy, clover, Hungarian and flax seed was produced. There is an increased interest manifested in the dairy. The products of which command good prices in Chicago and eastern cities. There is a slight increase in the number of fat hogs, sheep and beef cattle on hand December 1, as compared with corresponding date last season. There is an abundance of feed. The weather is favorable and live stock is in splendid condition.

KENDALL—The quality of the corn is fully up to the average, and the yield per acre is about 40 bushels. Some of the late planting did not mature well, and the corn is soft. The usual area has been seeded to winter wheat and rye and the growing crop looks

well. Irish potatoes made three-fourths of an average yield. There was an abundance of grapes and apples, but few peaches and pears. The quality of the fruit was good. A much larger amount of timothy, clover, Hungarian and millet seed was produced this season than last. The dairy interests of this county are large and are in a flourishing condition. All the products of this industry show an increase over that of 1887. There is the usual supply of beef cattle and sheep on hand ready for market. There is quite a reduction in the number of fat hogs, as compared with that of December last. Hogs have been unusually free from cholera during the summer and fall. Farm animals are generally in good health and condition.

KNOX—The average yield of corn per acre is about 50 bushels; a larger average than any other for the past ten years. The quality of the corn is excellent. The usual area has been seeded to winter wheat and rye. The growing crop looks well; the early seeding nearly covers the ground. Irish and sweet potatoes made better than an average yield per acre. There was an abundance of grapes, apples, pears and other fruits, except peaches. There is an increased amount of timothy, clover, Hungarian and millet seed produced this season, as compared with last. The dairy interests of this county are quite extensive and are in prosperous condition. There is considerable reduction in the supply of marketable fat hogs, sheep and beef cattle on hand December 1, as compared with last season at corresponding date. Live stock of all kinds is in good condition and health.

LAKE—The quality of the corn is about an average although there is some soft corn, owing to late planting. The average yield per acre is about 35 bushels. Winter wheat and rye looks well, the fall having been favorable to its growth. The area seeded is about the same as last season. Irish potatoes did not make a full average yield per acre. There was a large yield of grapes, apples and pears, but few peaches. The quality of the fruit was very good. Considerable attention is paid to the production of timothy, clover, Hungarian and flax seed, by the farmers of this county. There is an increased interest manifested in the dairy, the products of which find ready sale in the markets of Chicago. There is the usual supply of marketable fat hogs, sheep and beef cattle on hand December 1. Prices are ruling very low. The condition of farm animals is very good.

LASALLE—The quality of the corn is not up to the average, owing to the vast amount of late planting, much of it not maturing well. The average yield per acre is 43 bushels. There is quite a reduction in the area seeded to winter wheat and rye, as compared to last season, owing to the dry weather at seeding time. The growing crop however looks well. Irish and sweet potatoes made an unusually large yield per acre, the season having been very favorable to their growth. The yield of grapes and apples is much larger than for several years past. The quality of the fruit is good. The dairy interests of this county are in a very prosperous condition. The product is about the same as that of last season. The supply of marketable fat hogs, beef cattle and sheep on hand December 1 is

about the same as last season at corresponding date. Hogs have been unusually free from cholera during the past season.

LAWRENCE—The average yield of corn per acre is about 30 bushels, but the quality is fully up to the average. There is a slight reduction in the area seeded to winter wheat. The growing crop is in fine condition, the weather having been favorable to its rapid and vigorous growth. Very little rye sown in this county, except for winter pasturage. Irish and sweet potatoes did not yield more than two-thirds of a crop. There was an abundance of grapes, apples, peaches, pears and other fruits. The yield being much larger than for a number of years past. Some attention is paid to the production of timothy and clover seed. There is an increased interest manifested in the dairy, which up to the past year has been almost entirely neglected. The supply of marketable hogs and sheep on hand December 1, is much less than that at corresponding date last season. There is the usual number of beef cattle in the hands of the farmers. Live stock is in good condition and health.

LEE—The quality of the corn is generally good, but in fields where there was much re-planting, the corn is soft. The average yield per acre is 45 bushels. Winter wheat and rye are looking well, the fall having been favorable to their growth. The area seeded is about the same as last season. Irish and sweet potatoes made a fair yield. Grapes and apples did not yield so abundantly as last season. The quality was not good. Considerable attention is paid to the production of timothy, clover and Hungarian seed. The products of the dairy show a decrease as compared with those of 1887. The supply of marketable fat hogs and sheep on hand December 1 is fully 25 per cent. less than that of last season at corresponding date. The number of beef cattle is about the same as last season. There is little or no complaint of cholera among hogs. Farm animals are in good health and condition, feed being abundant and weather favorable.

LIVINGSTON—The average yield of corn per acre will not exceed 30 bushels, and the quality compared with an average is not good. The area devoted to winter wheat and rye is nearly 25 per cent. less than that of the previous seeding. The growing crop is in very fair condition. Irish and sweet potatoes did not make more than three-fourths of an average yield. The yield of grapes was good. Apples and pears yielded about three-fourths of a crop. There is a decrease in the amount of timothy, clover, Hungarian and flax seeds produced this year, as compared with last. The dairy interests of this county are in a prosperous condition. The products of this industry are very large. The supply of marketable fat hogs on hand December 1 is but little over half as large as at corresponding date last year. There is also a decrease in the number of beef cattle and sheep in the farmers' hands, ready for market. Prices are ruled very low. Farm animals are in good health and condition.

LOGAN—The average yield of corn per acre was about 47 bushels. The quality was extra good and the season being favorable nearly the entire crop was gathered before

winter set in. Irish and sweet potatoes made nearly an average yield per acre. The area seeded to winter wheat is considerably larger than that of the previous season. Its condition is very good. There was an abundance of grapes, apples, pears and other fruits, except peaches. There is an increase in the amount of timothy and clover seed produced, as compared with last season. Very little attention is paid to the dairy by the farmers of this county. The supply of marketable fat hogs, beef cattle and sheep is about the same as last year at corresponding date. Live stock of all kinds is in splendid condition and health. Feed is abundant and weather favorable.

MACON—The quality of the present corn crop is better than for a number of years past. The average yield, 50 bushels, is possibly the largest ever raised in the county. There is a decrease in the acreage seeded to winter wheat, as compared to last season. The growing crop is in better condition than usual for December 1. Irish and sweet potatoes made a very fair yield per acre. The grape and apple crop was very large. The quality of the fruit was good. There was a larger amount of timothy seed produced this season than in 1887. There is a general falling off in the dairy products of the county. The supply of marketable fat hogs is fully 25 per cent. less than that on hand December 1, 1887. The number of beef cattle and fat sheep on hand December 1 is about the same as last season. Prices are very low. Live stock of all kinds is in good health and condition.

MACOUPIN—Corn is very sound and well matured. The average yield per acre is about 46 bushels. There is a decrease of about 30 per cent. in the area seeded to winter wheat and rye this season as compared to the previous season. The growing crops look well, the fall having been very favorable. Irish and sweet potatoes made an unusually large yield. There was an abundance of every description of fruit, the yield being larger than for a number of years past. Considerable attention is paid to the production of timothy, clover, Hungarian and flax seed. The dairy interests of this county are in a flourishing condition and the products of this industry show an increase over that of last season. The supply of marketable fat hogs and sheep is considerably less than that on hand December 1, 1887. There was an increased number of beef cattle in the hands of the farmer December 1. Live stock in good health and condition.

MADISON—The average yield of corn per acre is 48 bushels, possibly the largest average yield ever known in the county. The quality of the corn is about an average, though some of the late plantings is a little green for cribbing. The usual area has been seeded to winter wheat and rye, and the condition of the growing crop is better than an average for December 1. Irish and sweet potatoes made an unusually large yield per acre. Tobacco yielded about 600 pounds per acre, and castor beans 10 bushels. Broom corn one and a half tons per acre. There was a large crop of apples, peaches and pears. Grapes did not make the usual yield. There is a decrease in the amount of timothy,

clover and Hungarian seed produced as compared to 1887. The dairy interests of the county are large and rapidly increasing. The products of 1888 exceed that of the previous year. The supply of marketable fat hogs, beef cattle and sheep on hand December 1 is about the same as that of 1887. Feed is abundant, weather favorable, and live stock in good condition and health.

MARION—The average yield of corn per acre will not exceed 29 bushels. The quality is very good; considerably above the average. The area seeded to winter wheat is not more than half as large as that of last season. The condition of the growing crop is very good. The farmers of this county have in a great measure abandoned the cultivation of wheat, owing to the ravages of the chinch bugs and the repeated failures of the crop. Rye looks well, but the area seeded is small. Irish and sweet potato made an unusually large yield per acre. Tobacco yielded a fair crop. The fruit crop was never better than this season. There was an abundance of grapes, apples, peaches, pears and pums. A considerable amount of timothy, clover, Hungarian and millet seed was produced in this county, the yield however was not so large as last season. There is an increased interest manifested in the dairy, the products of which are all larger than the previous year. The supply of fat hogs, beef cattle and sheep on hand ready for market December 1, is much larger than last season at corresponding date. Condition of farm animals is unusually good.

MARSHALL—The average yield of corn per acre is about 41 bushels, but the quality is not up to the average, owing to the vast amount of soft corn which failed to mature, owing to re-planting. The area seeded to winter wheat is but little over half as large as that of previous seasons. The condition of the crop is very good. The weather has been unusually favorable during the fall. The acreage seeded to winter rye is much less than last season, but the condition of the crop is good. Irish and sweet potatoes made about three-fourths of an average yield per acre. The yield of grapes was not large. Apples made better than an average yield, the quality being good. There is a large amount of timothy, clover and Hungarian seed produced in this county. The product of the dairy is not as large as that of last season. The supply of marketable fat hogs, beef cattle and sheep on hand December 1, is up to an average. The condition of live stock is good. There is no complaint of disease of any kind.

MASON—The average yield of corn per acre will not exceed 26 bushels. The quality of the corn is fully up to the average. The area seeded to winter wheat and rye is not as large as that of last season. The plant is small, but the general condition is good. Irish and sweet potatoes made about two-thirds of an average yield per acre. There was a large crop of grapes, apples and pears. The quality of the fruit was good. There is an increase in the amount of grass seeds produced in this county as compared with previous seasons. The dairy interests are in a prosperous condition, the products being about the same as last season. The supply of marketable fat hogs is reduced about 35 per cent, when compared with that

of 1887. There is the usual number of beef cattle in the hands of the farmer on December 1. Farm animals are in good health and condition.

MASSAC—The quality of the corn is not up to the average, owing to the damage done by the chinch bug. The average yield per acre is about 25 bushels. The acreage sown to winter wheat and rye is about the same as that of last season. Much of the seeding however was done very late, and the plant has made but small growth. There was a large fruit crop and the quality is very good. Very little attention is paid to the production of grass seeds. The dairy products of the county show an increase over that of last season. The supply of fat hogs, beef cattle and sheep on hand December 1, is about the same as at corresponding date last season. Farm animals are in good health and condition. Hog cholera is reported in the northern portion of the county.

MCDONOUGH—The present corn crop is the best in quality and yield for a number of years past. The average yield per acre will exceed 42 bushels. The acreage seeded to winter wheat is not as large by 25 per cent, as that of last season. Most of the crop was sown late and has made but little growth. Winter rye looks well but the area was much smaller than that of 1887. Irish and sweet potatoes made extra yields. Considerable attention is paid on the production of timothy and clover seed. The apple crop was very large. Grapes did not yield more than three-fourths of a crop. The dairy products all show a large increase over that of last season and the interest in this industry is rapidly increasing. The supply of beef cattle and sheep is considerably larger than that of corresponding date last season. The number of marketable hogs is about twenty per cent less than last season at corresponding date. With the exception of cholera among young hogs, farm animals are in fine condition and health.

MCHEMRY—The average yield of corn per acre is about 13 bushels. The quality is excellent and the crop generally has been crimped in good order. The area seeded to winter wheat and rye is about the same as last season. The condition of the growing crop is above the average for December 1st. Irish and sweet potatoes made better than an average yield per acre. The dairy interests of the county are in a prosperous condition, and the product of this industry show a healthy increase over that of last season. Farmers of the county pay special attention to the production of timothy, clover, Hungarian and flax seed. The supply of marketable fat hogs and sheep is not so large as that of last season at corresponding date. The number of beef cattle on hand December 1 is but little over half as large as at corresponding date last season. Farm animals are in good condition and health.

MCLEAN—The average yield of corn per acre is about 46 bushels. The quality, however, is hardly up to the average. Much of it is soft and chaffy. The crop has been gathered and cribbed in good order. The area seeded to winter wheat is much less than that of last season. The general condition

of the growing crops is good, although the growth is not large. Irish potatoes yielded about three-fourths of a crop. Grapes yielded a fair average crop and the yield of apples was unusually large and the quality of the fruit good. Considerable attention is paid to the production of timothy. The dairy interests of the county are in a prosperous condition. The product is not quite as large as that of last season. The supply of marketable fat hogs, beef cattle and sheep on hand December 1, is about 20 per cent. less, when compared with that of corresponding date last season. Hogs have been unusually free from cholera during the season. Live stock is in good health and condition.

MENARD—The quality of the present corn crop is above the average, and the yield about 42 bushels per acre. The area seeded to winter wheat and rye is about the same as last season, but much of the seeding was done late and the plant has had but little time to grow before winter set in. Irish potatoes made a fair average yield. Sweet potatoes did not make more than four-fifths of an average yield per acre. There was an abundance of grapes, apples and pears. The quality of the fruit was good. Considerable amount of timothy, clover and Hungarian seed was produced in this county. The dairy interests are in a flourishing condition and the products are somewhat larger than last season. The supply of marketable fat hogs, beef cattle and sheep on hand December 1 is about the same as last season at corresponding date. Young hogs and pigs were afflicted with cholera during the fall. Other live stock are free from disease and are in good condition.

MERCER—The quality of the present corn crop is above the average. The ears are large and sound and the crop has been gathered and cribbed in good order. The yield, 53 bushels, is possibly the largest ever grown in the county. There was a large yield of apples and pears, and the fruit was good. Grapes, however, did not make an average yield. The production of timothy, clover and Hungarian seeds is about the same as in 1887. The dairy interests are in a flourishing condition, and farmers find a ready sale for their milk and cream in the county. The dairy all show an increase over those of last season. The supply of marketable fat hogs is fully 25 per cent. less than that on hand December 1, 1887. The number of beef cattle and fat sheep ready for market is about the same as at corresponding date last season. Farm animals are in good health and condition.

MCNROE—The average yield of corn per acre is about 40 bushels, and the quality of the corn is good, with the exception of that damaged by the storm late in the fall. The weather has been favorable and most of the corn has been gathered and cribbed in good order. There is an increased area seeded to winter wheat and the growing crop looks well. Irish potatoes made an unusually large yield. The grape crop was very poor, but there was an abundance of apples, peaches, pears and other fruits. The dairy interests of this county are not large. The supply of marketable fat hogs is not more than 50 per cent. as large as at corresponding date last season. With the exception of

cholera among hogs, farm animals are in good health and condition.

MONTGOMERY—The quality of the corn crop is better than an average for this county, and the yield per acre is about 39 bushels. The area seeded to winter wheat is not as large as that of last season. The condition of the growing crop is only fair. The fall has been too dry and the plant is backward in growth. The same may be said of winter rye. The yield of all kinds of fruit has been unusually large. The peach crop was the largest of any in the past 10 years. Considerable attention is paid to the production of timothy, clover, Hungarian and flax seed. Irish and sweet potatoes have made a much larger yield than an average. There is quite an interest manifested in the dairy by the farmers of this county, and the products of this industry all show an increase over that of 1887. The supply of marketable fat hogs and sheep on hand December 1 is less than that of corresponding date last season. The number of beef cattle in the hands of farmers, ready for market, is about the same as that of 1887. Feed is abundant, weather favorable and live stock generally in fine condition and health.

MORGAN—The average yield of corn per acre, 46 bushels, is possibly the largest ever grown in the county. The area seeded to winter wheat is considerably larger than that of the previous season. Most of the crop was sown early and made good growth before winter set in. Rye looks well, but the area seeded was small. Irish and sweet potatoes made excellent yields per acre. The fruit crop was better than an average in quality. Grapes, apples, peaches and pears all made much larger yields than in 1887. The usual amount of timothy, clover and Hungarian seed was produced. The dairy does not receive the attention its importance demands and the product of this industry is very small. There is an increase in the supply of marketable fat hogs, beef cattle and sheep on hand December 1, as compared with corresponding date last season. Farm animals are in splendid condition. Feed abundant and weather favorable.

MOULTRIE—Owing to the drouth and chinch bug, the quality of the corn crop is hardly up to the average for this county. The average yield per acre is about 40 bushels. The acreage seeded to winter wheat is considerably smaller than that of the previous seeding. Most of the crop was sown early and made good growth prior to December 1. There was an abundance of grapes, apples, peaches, pears and other fruits. Considerable attention is paid to the production of timothy, clover, Hungarian and other seeds. Renewed interests is manifested in the dairy, by the farmers of this county, and the product is increasing each succeeding year. The supply of marketable fat hogs, beef cattle and sheep is about the same as that on hand December 1, 1887. Live stock of all kinds is in good condition and health.

OGLE—The quality of the corn is about an average for this county. In some localities, where a great deal of re-planting was done, corn is soft and chaffy. The average yield

per acre is about 40 bushels. There is very little winter wheat raised in this county. The usual area has been seeded to winter rye and the growing crop is in much better condition than usual for December 1. There was a large yield of grapes and apples. The quality of the fruit is good. Irish and sweet potatoes made unusually large yields. There is considerably increase in the production of timothy, clover, Hungarian and flax seed. The dairy interests of the county are in a prosperous condition, the product of which is about the same as last season. There is a decrease in the supply of marketable fat hogs, beef cattle and sheep on hand December 1, as compared with that of corresponding date last season. Farm animals are in good health and condition.

PEORIA—The quality of the present corn is considerably above the average. The weather having been favorable, there is very little corn left standing in the fields December 1. The average yield per acre is 53 bushels. There is a reduction of fully 25 per cent. in the acreage seeded to winter wheat and rye, when compared to that of last season. Most of the seeding was done late and the plant made but little growth up to this date. Irish potatoes yielded about four-fifths of an average crop. There were few grapes and an abundance of apples. The quality of the fruit was good. There is an increase in the amount of timothy, clover and Hungarian seed produced in this county. The dairy interests of this county are extensive and the products of all show an increase over that of last season. The supply of marketable fat hogs and sheep on hand December 1 is not as large as that at corresponding date last season. There is an increase in the number of beef cattle on hand, ready for market December 1. Cholera has been very severe (among hogs) in the northern portion of the county. Other live stock is in good health and condition.

PERRY—The average yield of corn per acre is about 27 bushels. Much of the crop was damaged early in the season by the chinch-bug and late in the fall by a severe storm. The quality is considerably below the average. The area seeded to winter wheat and rye is about the same as last season. Much of the early seeding was injured by the fly. The late seeding was favored with a good rain and made splendid growth before winter set in. Irish and sweet potatoes made about an average yield per acre. There was a large yield of grapes and peaches. A fair yield of apples, pears and plums. There is a decrease in the amount of grass seed produced in this county as compared with last year. The product of the dairy shows an increase over that of 1887. The supply of marketable fat hogs, beef cattle and sheep is a little larger than that on hand December 1, 1887. Prices are ruling very low. There is an abundance of feed. Weather favorable and farm animals are in good condition and healthy.

PIATT—The average yield of corn per acre is about 50 bushels: A much larger average than ever was grown before in this county. The quality of the corn is good. And most of the crop has been gathered and cribbed in good order. The condition of winter wheat and rye is about the average for December 1. The acreage seeded is about the same as last

season. Irish and sweet potatoes made but little over half an average yield per acre. Broom yielded about half a ton per acre. There was a large yield of grapes, apples, pears and other fruit except peaches. The amount of timothy, clover, Hungarian and flax seed raised in this county is not quite as large as that raised last season. The dairy interests of the county are not extensive. This industry is neglected. The supply of marketable fat hogs and beef cattle on hand December 1 is somewhat decreased when compared with that of last season at corresponding date. Live stock are in good condition and health.

PIKE—The average yield of corn per acre is about 43 bushels and the quality is as good as that of any crop of corn ever raised in the county. The acreage seeded to winter wheat and rye is about the same as that of last season. The growing crops never looked better on December 1. Irish potatoes yielded but little over half an average crop. The yield of grapes, apples, pears and other fruit except peaches, was unusually large, and the quality of the fruit good. There is a decrease in the amount of timothy, clover and Hungarian seeds raised in this county, over that of last season. More attention is given each succeeding year to the dairy, by the farmers of this county. There is a decrease in the number of marketable fat hogs, sheep and beef cattle on hand December 1, as compared with corresponding date last season. Farm animals are in good health and condition.

POPE—The average yield of corn per acre is about 24 bushels. Much of the corn was badly broken down by the storm late in the fall and damaged. Hence the quality is hardly up to the average. The area seeded to winter wheat is about the same as seeded last year and the condition of the growing crop is good. A much larger area than last season has been seeded to winter rye. Irish and sweet potatoes made very fair yields. The fruit crop was not as large as last season. The quality is good. Considerable timothy and clover seed is produced in the county. Very little attention is paid to the dairy. The supply of fat hogs, beef cattle and sheep is a little larger than that on hand December 1, 1887. Prices are ruling very low. Farm animals are in good health and condition.

PULASKI—The average yield of corn per acre is 31 bushels. The quality is about an average for this county. There is a slight increase in the area seeded to winter wheat and rye, and the growing crops have made a good stand and are in fine condition for the winter. Irish and sweet potatoes made fair yields per acre. The fruit crop was never better. There was an abundance of grapes, apples, peaches and pears. Considerable timothy, clover and Hungarian seed was produced in this county. Some attention is paid to the dairy, the products of which show a slight increase over those of last season. The supply of marketable fat hogs, beef cattle and sheep is about the same as at corresponding date last season.

PUTNAM—The average yield of corn per acre is about 39 bushels. The late planting was damaged somewhat by frost, hence the quality is a little below the average. The

usual area has been seeded to winter wheat and rye. The condition is not up to the average for December 1. Irish potatoes did not make more than half an average yield per acre. There was an abundance of grapes, apples and pears. There is a large increase in the amount of timothy seed produced as compared with that of last season. The dairy interests of the county are becoming more extensive each succeeding year, and the product of 1888 is considerably larger than that of previous seasons. The supply of marketable fat hogs is fully twenty per cent, less than that on hand December 1, 1887. The number of beef cattle and sheep is about the same as that on hand last season. Hog cholera has prevailed in some portions of the county during the summer and fall. Other farm animals are in good health and condition.

RANDOLPH—The quality of the corn crop is considerably above the average, although there is some soft corn, occasioned by the storm late in the fall. The average yield of corn is about 33 bushels per acre. The growing wheat crop looks well and wheat fields are as green as the meadow. There is a slight increase in the acreage sown over that of last season. The same may be said of winter rye. Irish and sweet potatoes have made better than an average yield per acre. Broom corn yielded about one-third of a ton per acre. Castor beans about 6 bushels per acre. There was an abundance of grapes, apples, peaches and pears. The quality of the fruit was good. The production of timothy, clover and Hungarian seed shows an increase over that of last season. There is also an increase in the products of the dairy of this county. There are fewer hogs and sheep on hand ready for market December 1 than at corresponding date last season. The number of beef cattle is about the same as last year on December 1, 1887. Live stock is in good health and condition.

RICHLAND—The quality of the corn, where not injured during the growing season by the chinch bug, is good. The average yield per acre is about 23 bushels. The wheat area is not more than two-thirds as large as last season. Condition is much better than usual for December 1. Irish and sweet potatoes made a fair yield per acre. Broom corn yielded about three-fourths of a ton per acre. There was an abundance of grapes, apples, peaches, pears and other fruit. Considerable attention is given to the production of various grass seeds. The dairy does not receive the attention its importance demands. The supply of marketable fat hogs is not more than half as large as that on hand December 1, 1887. There is about the same number of beef cattle and fat sheep on hand ready for market, as at corresponding date last season. There is an abundance of feed. Weather favorable and live stock in good condition.

ROCK ISLAND—The average yield of corn per acre is about 44 bushels. And the quality is as good as ever was raised in the county. There is very little winter wheat sown in this county. The condition of the growing crop is good. The area seeded to winter rye is fully 10 per cent, less than that of last season. The plant made a good stand and growth before winter set in. Irish and sweet potatoes have made better than an average

yield. There was a fair crop of grapes and a much larger yield of apples than for several years past. The quality of the fruit is good. The amount of timothy, clover, Hungarian and millet seed raised in this county is about the same as last season. The dairy interests of the county are in a prosperous condition and the product of this industry is larger than in 1887. There is a reduction in the supply of marketable fat hogs, sheep and cattle on hand December 1 as compared with that on hand last season. Farm animals are in good health and condition.

SALINE—The average yield of corn per acre is 32 bushels. The quality is hardly up to the average, owing to the damage done to the young corn by chinch-bugs. The area seeded to winter wheat and rye is about the same as that of last season. The general condition of the growing crop is good, though the fly is reported as in some fields. Irish and sweet potatoes have made much better yield than usual. Tobacco yielded nearly half a ton per acre. There was an abundance of fruit of every description and the quality was unusually good. Some attention is paid to the production of clover. Dairy interests in this county are neglected and the products of this industry is very small. The supply of marketable fat hogs, beef cattle and sheep on hand December 1 is about the same as that of last season. Farm animals are in good health and condition.

SANGAMON—The present corn crop is probably the best in point of yield and quality of any ever raised in this county. Most of the crop has been gathered and cribbed in good condition. The average yield per acre will exceed 50 bushels. There is quite an increase in the area seeded to winter wheat. Owing to the dry weather during the fall the growing crop did not make as good growth as usual prior to December 1. The area seeded to winter rye is about the same as last season. The stand is good and its condition a fair average for this date. Irish potatoes made a fair average yield per acre. There was an abundance of grapes, apples, pears and other fruits, except peaches. Considerable timothy and clover seed is produced in this county. The dairy interests are in a prosperous condition and the product of this industry is about the same as in 1887. The supply of marketable fat hogs and sheep on hand December 1 is about the same as at corresponding date last season. There are fewer beef cattle in the hands of farmers than usual at this season of the year. Prices are ruling very low. Feed is abundant and farm animals are in better condition than usual on this date.

SCHUYLER—The average yield of corn per acre is 55 bushels. The quality is fully up to the average. Irish potatoes made a much better yield than an average, per acre. There is considerable increase in the area seeded to winter wheat, and the growing crop is in splendid condition. Winter rye looks well and covers an area equal to that of last season. There an abundance of fruit of every description except peaches. The apple crop was nearly double that of the previous season. The quality of the fruit is good. There is an increase in the amount of timothy, clover and Hungarian seed produced in this county, compared with last

season. There is an increased interest manifested in the dairy, the products of which are larger than those of 1887. The supply of marketable fat hogs, beef cattle and sheep is about the same as that on hand December 1, 1887. The condition of live stock is good.

SCOTT—The average yield of corn per acre, 60 bushels, is the largest by far of any ever raised in the county. The acreage seeded to winter wheat is about the same as that of last season. Owing to the dry weather during the fall, the plant did not make as good growth as usual for December 1. Rye is looking well and covers an area about equal to that of last season. Irish potatoes made better than an average yield per acre. There was an abundance of grapes, apples and pears, but few peaches. Very little attention is paid to the production of grass seeds. The dairy interests of the county are in a prosperous condition, and the products of this industry all show a healthy increase over those of last season. There is a considerable reduction in the supply of fat hogs. The supply of beef cattle and fat sheep on hand December 1 is about the same as at corresponding date last season. Farm animals are in fine condition and health. Feed is abundant and weather favorable for out-door stock.

SHELBY—There was never a better corn crop raised in Shelby county than the present, in both quality and yield. The average yield per acre is 44 bushels. The area seeded to winter wheat is fully 25 per cent. less than that of last season. The growing crop is in fine condition. The same may be said of winter rye. Irish and sweet potatoes made unusually large yield per acre. Tobacco did not make more than half of the usual yield per acre. The quality is not up to the average. Boom corn yielded about a ton and a half per acre. The fruit crop of the past season was unusually large. There was an abundance of grapes, apples, peaches, pears and plums. Considerable timothy, clover and millet seed is raised in the county. There is quite an interest manifested in the dairy, the products of which all show an increase over that of last season. There is a reduction in the supply of marketable fat hogs and sheep, as compared with that on hand December 1, 1887. The number of beef cattle in the hands of the farmers is about the same as last season at corresponding date. Live stock is in good condition and health.

STARK—The average field of corn per acre is 47 bushels. A very large proportion of the corn crop is good, but where replanting was done the corn is soft and chaffy. The area seeded to winter wheat and rye is about the same as that of last season. The condition of the growing crop is better than an average for this date. Sorghum, Irish and sweet potatoes all made excellent yields per acre. There was an abundance of grapes, apples and small fruits. A large amount of timothy, clover, Hungarian and flax seed is raised in this county. All the products of the dairy show an increase over that of 1887. There are but little over half as many hogs on hand December 1 as at corresponding date last season. There is about the usual number of beef cattle and fat sheep in the hands of the farmers. Hogs have suffered severely during the summer and fall, from

cholera. Other live stock in fine condition and health.

ST. CLAIR—The present corn crop is the best in both yield and quality of any during the past ten years. The average yield per acre is better than 40 bushels. An increased area has been seeded to winter wheat, and the condition of the growing crop is better than usual for December 1. The usual area has been seeded to winter rye and its condition is good. Irish potatoes made a fair average crop. There was an abundance of grapes, peaches and pears. Apples did not produce as well as usual. Very little grass seed is produced in this county. The dairy interests of the county are in a prosperous condition, and all the products show an increase over that of last season. The supply of marketable fat hogs is reduced fully one-half, as compared with that of 1887. The number of beef cattle in the hands of the farmer December 1 is larger than at corresponding date last season. Feed is abundant, weather favorable, and out-door stock in fine condition.

STEPHENSON—The average yield of corn per acre is 36 bushels. There is a great deal of light and chaffy corn, and the quality is not up to the average. Irish potatoes made a fair yield. Tobacco did not yield but little over half a crop. Sorghum cane yielded well. There is but little winter wheat grown in this county. The acreage is not so large as last season and the condition of the growing crop is very backward. The rye area is reduced fully 20 per cent., and owing to the want of rain during the fall, the plant has made but little growth. There is an abundance of grapes, apples and small fruit. A large amount of timothy and clover seed is produced in the county. The dairy interests of the county are extensive, and many farmers are increasing the number of their milk cows. The supply of marketable fat hogs is greatly reduced from that on hand December 1, 1887. There is the usual number of beef cattle and fat sheep in the hands of the farmers. The weather is favorable, many farmers are plowing and corn is all cribbed in good order. Live stock is in fine condition and health.

TAZEWELL—The quality of the corn is good, but much of it is sappy and it is feared will not dry in the crib. The average yield per acre is 45 bushels. There is a slight reduction in the area seeded to winter wheat and rye, as compared to last season. The condition of the growing crop is about up to the average for December 1. Irish and sweet potatoes made fair yields per acre. There was an abundance of grapes, pears, apples and small fruits; no peaches. There is a large amount of timothy, clover and Hungarian seed produced in this county. There is an increased interest manifested in the dairy, the products of which are all larger than those of last season. The supply of fat hogs and sheep is not quite so large as that on hand December 1, 1887. There are more beef cattle in the hands of the farmers December 1 than at a corresponding date last season. With the exception of cholera among hogs, live stock is in good health and condition.

UNION—The average yield of corn per acre is about 35 bushels. Much of the corn

drop was damaged by a storm late in the fall. There is an increased acreage of winter wheat and rye, and the condition of the growing crops is fully up to the average for December. Irish and sweet potatoes made a fair average yield. Very little grass seed of any description raised in the county. The dairy is meeting with more attention than usual from the farmers, and there is an increase in the production of this industry, when compared with last season. The supply of fat hogs, beef cattle and sheep is not as large as last season. Farm animals are in good health and condition.

VERMILION—The average yield of corn per acre is 43 bushels, and a better quality of corn was never raised in the State. The weather has been favorable for gathering and cribbing before winter set in. There is quite a decrease in the acreage seeded to winter wheat and rye. The condition of the growing crops is very good for December 1. Irish and sweet potatoes did not yield well. There was an abundance of grapes, apples and small fruits, but no peaches. Farmers are paying considerable attention to the production of the various grass seeds. The dairy interests of the county do not meet with the encouragement their importance demands. The product of this industry is not quite as large as in 1887. The supply of marketable fat hogs is somewhat reduced, when compared with that on hand December 1, 1887. There is a slight increase in the supply of beef cattle on hands December 1, as compared with corresponding date last season. Hogs have been unusually free from disease during the past summer and fall. Live stock generally is in good condition and health.

WABASH—The quality of the corn is considerably below the average, owing to the damage of the chinch-bug during the summer and the severe storm late in the fall. The average yield per acre is 33 bushels. The acreage sown to winter wheat is about the same as last season; the plant looks well and has made good growth. There is very little rye raised in this county for market. Irish and sweet potatoes made better than an average yield per acre. The fruit crop was the largest, and of better quality than for several years past. Considerable attention is paid to the production of timothy, clover, and Hungarian seed. Little or no attention is paid to the dairy. The supply of marketable fat hogs, beef cattle and sheep is considerably reduced as compared with 1887. In the northern portion of the county hogs suffered from cholera. Feed is plenty, weather good and out door stock in fine condition.

WARREN—The average yield of corn per acre is 48 bushels. The ears are large and sound. But little of the crop is left standing in the field. There is an increased area seeded to winter wheat and rye and the condition of the growing crops is better than an average for December 1. Irish and sweet potatoes and sorghum yielded well. There was more fruit during the past season than for several years. Considerable amount of timothy, clover and Hungarian seed is raised in the county. The products of the dairy all show an increase of fat hogs and sheep as compared with last season. There is about the usual number of beef cattle in the hands of the farmer. Farm animals are in good condition and health.

WASHINGTON—The average yield of corn per acre is about 30 bushels. Much of the crop was injured early in the season by the chinch-bug. The quality is not up to the average. The area seeded to winter wheat and rye is increased over that of last season and the condition of the growing crop is better than an average for December 1. Irish and sweet potatoes made fair yields per acre. Tobacco yielded about six hundred pounds per acre. Castor beans about 15 bushels per acre. The fruit crop was hardly as large as last season. The quality was good. Considerably timothy, clover, Hungarian and flax seed is raised in the county. Farmers are paying more attention to the dairy than heretofore, the products of which all show an increase over last season. There is an increase in the supply of marketable fat hogs, cattle and sheep on hand December 1, as compared with last season at corresponding date.

WAYNE—The quality of the corn was damaged somewhat by the chinch-bug, although the general quality is considerably above the average for this county. The average yield per acre is about 26 bushels. The area seeded to winter wheat was fully 25 per cent. less than that of last season. Owing to the dry weather during September and October the growing crop is not in as good condition as usual for December 1. Rye is only raised for early pasturage in this county. Irish and sweet potatoes made fair average yields per acre. Tobacco produced nearly half a ton per acre. Broom corn made about a ton per acre. Castor beans about nine bushels per acre. There was an abundance of fruit of every description. The quality of apples was not quite as good as last season. A large amount of timothy, clover and flax seed was raised in the county. The dairy is receiving more attention than heretofore, the products of which are larger than last season. The supply of marketable fat hogs, beef cattle and sheep is somewhat increased over that of 1887. Live stock of all kinds is in good health and condition.

WHITE—The average yield of corn per acre is 34 bushels. The corn is somewhat damaged by the chinch-bugs, and much of it is light and chaffy. There is an increase in the area seeded to winter wheat and rye and both crops are in better condition than usual for December 1. Irish and sweet potatoes made large yields per acre. Tobacco yielded about one-half ton per acre. The fruit crop was never better than this season. Very little attention is paid to the production of grass seed. There is an increased interest manifested in the dairy, the products of which also show an increase. The supply of fat hogs, beef cattle and sheep on hand December 1 is about the same as at corresponding date last season. Live stock of all kinds is in good health and condition.

WHITESIDE—The average yield of corn per acre is 39 bushels. The quality is considerably below the average, owing to the vast amount of replanting. Much of the corn is soft, chaffy and unsaleable. The usual area has been seeded to winter rye, but owing to the want of rain the plant has not made a large growth. Irish potatoes made a fair average yield per acre. There was an abundance of grapes, apples and other small fruits. Timothy, clover and Hungarian seed is extensively raised in this county. The product of the dairy shows an increase over that of

1887. The supply of marketable fat hogs on hand is less than that at corresponding date last season. The supply of beef cattle is about the same as last season. Farm animals are in good health and condition.

WILL—The average yield of corn per acre is 37 bushels. The quality of the corn is considerably below the average. Much of it is soft and chaffy and unsaleable. The usual area has been seeded to winter rye, and the condition of the growing crop is good. Irish potatoes made about three-fourths of an average yield per acre. There was fair crop of grapes; about three-fourths of an average crop of apples and pears. A large amount of timothy, clover, Hungarian and flax seed is raised in this county. The dairy interests of this country are extensive. The products find ready sale in the markets of Chicago and Eastern cities. The supply of marketable fat hogs is not more than half as large as that on hand December 1, 1887. The number of beef cattle in the hands of the farmers is about the same as at corresponding date last season. The weather is favorable, feed plenty and animals in unusually good condition for the winter.

WILLIAMSON—The average yield of corn per acre is 32 bushels. In fields adjacent to wheat fields, the corn was damaged somewhat by the chinch-bug in the early season and the storm late in the fall. The quality is generally good. The area seeded to winter wheat is considerably increased over that of last season. The plant looks well, but was sown late and is hardly up to the average in condition for December 1. Irish and sweet potatoes made unusually large yields per acre. Tobacco yielded nearly half a ton per acre. Castor beans yielded about 12 bushels per acre. The fruit crop was very fair, there being an abundance of apples, peaches and pears. Considerable timothy, Hungarian and flax seed is produced in this county. The dairies in the county are receiving more attention than heretofore. The products of this industry show an increase over that of

last season. The supply of hogs, beef cattle and sheep on hands December 1 is about the same as last season at corresponding date. Hogs have been unusually free from cholera during the summer and fall. Live stock is in good condition and health.

WINNEBAGO—The average yield of corn per acre is 35 bushels. Much of the corn is soft and chaffy and did not dry well. The area seeded to winter wheat is not more than half as large as that of the previous season, and its condition is very backward. Rye is in much better condition than wheat, and the area is nearly as large as that of last season. There was an abundance of grapes and apples and small fruits. A large amount of timothy, Hungarian and clover seed is produced in this county. The dairy products all show an increase over that of last season. The supply of marketable fat hogs is about one-third as large as that of 1887. The number of beef cattle and fat sheep in hands of farmers, ready for market, is about the same as last season at corresponding date. Hog cholera is prevailing to a considerable extent, many farmers having lost their entire stock. Other live stock is in good condition and health.

WOODFORD—The average yield of corn per acre is 40 bushels, and the quality is fully up to the average for this county. The area seeded to winter wheat is not quite so large as that of last season. The plant has made but little growth, owing to the continued dry weather during the fall. The same may be said of winter rye. There was an abundance of grapes, apples and small fruits. The quality of fruit was good. A considerable amount of timothy, Hungarian and millet seed is raised in this county. The dairy does not receive the attention its importance demands. The supply of fat hogs, beef cattle, and sheep is somewhat less than that on hand December 1, 1887. The weather is good; feed plenty and live stock generally in excellent condition.

AVERAGE YIELD OF CORN.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.										COUNTIES.										COUNTIES.									
Av. Yield per Acre in Bu.										Av. Yield per Acre in Bu.										Av. Yield per Acre in Bu.									
1880	1881	1882	1883	1884	1885	1886	1887	1888		1880	1881	1882	1883	1884	1885	1886	1887	1888		1880	1881	1882	1883	1884	1885	1886	1887	1888	
Boone	40	32	26	21	38	27	18	20	34	Adams	34	32	24	28	33	32	22	25	39	Alexander ..	44	37	33	28	46	32	20	37	
Bureau	34	23	18	20	28	34	25	18	25	Brown	25	32	20	16	35	37	17	27	25	Bond	15	3	29	16	12	20	19	4	
Carroll	45	30	42	18	38	30	25	31	32	Calhoun	32	20	40	40	40	38	32	28	33	Clay	18	3	29	16	12	20	19	4	
Cass	38	22	26	14	39	26	21	27	30	Cass	32	30	30	34	32	32	25	33	48	Clinton ..	15	2	35	25	20	16	4	34	
DeKalb	38	36	26	20	38	28	28	25	40	Champaign ..	36	22	24	40	25	42	40	20	42	Crawford ..	34	3	30	32	27	26	9	31	
DuPage	42	25	25	20	39	31	22	19	27	Christian	39	22	19	16	20	32	22	22	20	Edwards ..	23	2	25	20	15	25	20	6	
Grund	28	22	20	12	32	23	24	23	30	Clark	21	17	31	31	28	26	29	17	50	Edwards ..	22	6	40	14	20	27	22	6	
Henderson ..	43	22	22	22	35	32	24	23	50	Coles	37	19	30	30	32	32	34	17	45	Fayette ..	18	5	32	20	10	34	21	4	
Henry	34	18	22	18	26	29	17	18	47	Cumberland ..	35	4	27	24	28	27	32	6	44	Franklin ..	27	13	26	32	30	22	40	17	
Jackson	22	26	19	27	30	25	29	23	32	Dewitt	30	35	29	30	31	26	24	24	40	Gallatin ..	22	13	26	32	30	25	40	17	
Joliet	41	32	33	24	37	45	20	20	57	Douglas	36	27	30	24	31	40	36	20	42	Hamilton ..	20	1	28	22	25	33	17	30	
Kane	37	32	25	25	30	27	23	35	38	Edgar	37	21	30	31	27	35	34	18	35	Hardin ..	22	8	28	25	32	28	28	30	
Kankakee ..	25	25	18	16	27	28	24	17	40	Ford	30	27	25	15	24	28	33	15	39	Harrison ..	17	5	40	23	27	27	25	35	
Kendall	39	22	31	21	33	33	25	14	40	Fulton	25	34	20	23	35	34	25	24	55	Jasper	35	2	37	31	13	28	27	6	
Knox	38	29	19	24	34	25	30	27	38	Greene	45	32	13	40	42	40	30	20	36	Jefferson ..	19	1	29	35	12	27	6	15	
Lake	41	24	24	20	35	35	37	10	35	Hancock	39	23	14	20	32	30	22	28	36	Johnson ..	27	16	34	31	42	28	20	32	
LaSalle	35	17	25	18	31	32	27	20	43	Jersey	31	19	32	40	32	35	25	22	60	Lawrence ..	33	2	29	22	30	24	16	33	
Lee	33	24	26	20	30	32	26	27	45	Logan	35	36	22	28	25	34	30	15	47	Madison ..	27	13	30	35	38	32	17	48	
Livingston ..	19	26	17	17	25	29	23	17	30	Macon	43	30	22	32	38	42	27	20	50	Marion ..	13	1	27	25	34	15	19	29	
Marshall	41	30	27	25	32	32	24	35	41	Macoupin ..	40	28	24	30	35	35	22	20	46	Massac ..	28	1	32	25	34	23	35	27	
Mellerry	44	24	27	30	39	40	30	17	22	Mason	20	25	12	14	23	...	16	16	26	Monroe ..	33	1	31	42	31	15	10	40	
Mercer	42	23	25	25	36	30	17	22	40	McDonough ..	32	40	20	25	40	...	30	14	21	Perry	12	1	27	21	14	26	3	27	
Montgomery ..	40	31	25	17	37	35	22	22	40	McLean	31	39	18	27	29	32	20	23	46	Pope	27	1	32	25	33	30	20	24	
Peoria	40	26	23	19	26	28	21	25	53	Menard	31	42	26	23	22	35	23	23	33	Randolph ..	25	11	42	18	35	35	29	21	
Putnam	4	22	34	30	43	35	38	19	39	Monmouth ..	33	10	26	34	34	30	25	9	39	Rauisaki ..	27	8	32	28	31	28	11	19	
Rock Island ..	32	20	25	24	29	31	19	29	44	Morgan	42	41	24	36	34	38	27	30	26	Richland ..	15	1	23	15	11	19	15	7	
Stark	37	28	30	26	37	38	32	26	47	Moultrie	34	23	19	24	28	37	30	21	40	Saline	20	7	31	25	25	20	18	33	
Stephenson ..	38	40	27	16	38	30	20	19	36	Piatt	33	32	24	40	30	35	37	22	50	St. Clair ..	37	13	45	38	44	42	22	8	
Warren	39	27	24	40	35	46	21	24	48	Pike	22	21	34	31	39	33	24	33	29	Union	30	15	33	20	34	31	26	8	
Whiteside ..	35	23	19	18	24	18	27	29	39	Sangamon ..	36	41	21	38	33	41	26	24	55	Wabash ..	22	5	28	27	26	31	27	17	
Will	36	27	22	37	32	25	26	15	35	Schuyler	32	40	22	33	36	25	29	27	55	Washington	13	1	33	40	15	24	5	6	
Winnebago ..	39	34	29	15	31	28	20	21	35	Scott	39	45	27	38	40	39	27	28	67	Wayne	20	...	31	25	13	3	26	3	
Woodford ..	27	32	17	20	35	28	27	25	40	Shelby	36	30	28	30	27	33	26	15	44	White	18	3	30	35	25	36	25	11	
Average ..	37	27	23	22	34	32	24	21	39	Tazewell	43	21	22	32	34	37	37	21	43	Williamson ..	19	5	28	22	26	25	26	12	
										Vermilion ..	43	21	22	32	34	37	37	21	43	Average...	24	6	30	28	24	27	21	12	

*Estimated

PRICES OF CROPS, DECEMBER 1, 1888.

COUNTIES.	Corn per bushel.	Wheat per bushel.	Spring Wheat per bushel.	Oats per bushel.	Rye per bushel.	Ba ley per bushel.	Buckwheat per bushel.	White Beans per bushel.	Castor Beans per bushel.	Irish Potatoes per bushel.	Sweet Potatoes per bushel.	Winter Apples per bushel.	Flax Seed per bushel.	Timothy Seed per bushel.	Clover Seed per bushel.	Hungarian and Millet Seed per bushel.
Adams	28 0	93 0	95 0	26 0	40 0	75 0	35 0	1 00	1 25	37 0	5 0	40 0	2 00	5 00	4 75	5 00
Alexander	26 1	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Bond	26 95	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Boone	27 90	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Brown	28 94	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Bureau	30 83	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Calhoun	30 83	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Carroll	27 92	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Cass	26 87	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Champaign	26 87	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Christian	25 81	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Clark	25 1 00	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Clay	25 98	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Clinton	25 95	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Coles	25 1 00	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Cook	25 1 05	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Crawford	25 95	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Cumberland	25 95	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
DeKalb	25 85	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
DeWitt	25 90	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Douglas	25 85	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
DuPage	25 92	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Edgar	25 92	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Edwards	25 97	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Effingham	25 97	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Fayette	25 1 00	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Ford	25 92	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Franklin	25 92	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Fulton	25 88	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Gallatin	25 90	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Greene	25 93	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Grundy	25 93	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Hamilton	25 93	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Hancock	25 93	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Hardin	25 93	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Henderson	25 93	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Henry	25 93	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Iroquois	25 93	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Jackson	25 89	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Jasper	25 94	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Jefferson	25 80	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Jersey	25 95	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
JoDavies	25 95	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Johnson	25 95	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Kane	25 1 10	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Kankakee	25 85	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Kendall	25 95	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Knox	25 89	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Lake	25 1 10	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
LaSalle	25 96	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Lawrence	25 97	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00
Lee	25 90	90 0	92 0	24 0	38 0	69 1	1 25	1 00	1 35	32 45	55 0	35 0	1 95	4 25	4 25	5 00

PRICES OF CROPS, DECEMBER 1—Continued.

COUNTIES.	Corn per bushel.	Winter Wheat per bushel.	Spring Wheat per bushel.	Oats per bushel.	Rye per bushel.	Barley per bushel.	Buckwheat per bushel.	White Beans per bushel.	Castor Beans per bushel.	Irish Potatoes per bushel.	Sweet Potatoes per bushel.	Winter Apples per bushel.	Flax Seed per bushel.	Timothy Seed per bushel.	Clover Seed per bushel.	Hungarian and Millet Seed per bushel.
Livingston.....	29	75	70	33	45	40	62	00	53	1 25	60	80	1 70	4 75	55	55
Logan.....	25	85	70	33	40	40	62	00	56	81	43	37	1 30	2 00	5 00	50
Macon.....	25	97	70	33	40	40	62	00	53	70	37	37	1 30	2 00	5 00	50
Macoupin.....	26	92	70	33	40	40	62	00	35	67	37	37	1 30	2 00	5 00	50
Madison.....	26	92	70	33	40	40	62	00	35	67	37	37	1 30	2 00	5 00	50
Marion.....	26	1 00	70	33	40	40	62	00	29	67	43	1 50	1 70	4 75	42	42
Marshall.....	29	90	79	24	71	54	40	80	50	1 40	55	29	1 85	6 40	1 90	1 90
Mason.....	26	77	70	33	40	40	60	1 50	45	87	29	29	1 25	4 50	50	50
Massac.....	38	93	70	33	40	40	60	1 50	27	28	33	33	1 90	4 00	50	50
McDonough.....	27	89	92	25	45	40	80	1 85	40	1 05	45	1 00	1 85	4 00	50	50
McHenry.....	32	1 00	1 00	25	50	48	60	1 35	45	1 00	67	67	1 75	5 00	60	60
McLean.....	28	87	70	33	40	40	60	1 50	49	1 00	50	50	1 75	5 00	60	60
Menard.....	29	83	70	33	47	40	2 00	2 00	50	72	27	27	2 05	5 00	60	60
Mercer.....	25	97	92	21	40	40	87	2 00	22	90	50	50	1 75	4 50	50	50
Monroe.....	26	92	70	33	40	40	60	1 50	25	72	32	32	1 70	4 50	75	75
Montgomery.....	26	87	70	33	45	40	50	1 00	30	75	32	32	1 70	4 50	75	75
Morgan.....	30	97	70	33	45	40	50	1 00	37	90	40	40	2 00	4 75	50	50
Moultrie.....	25	90	70	21	40	40	60	1 50	35	50	40	40	3 00	4 00	75	75
Ogle.....	30	60	70	25	50	40	60	1 50	50	1 25	50	50	1 50	4 00	75	75
Peoria.....	27	1 00	80	26	60	40	2 50	2 50	50	62	62	62	2 10	5 00	75	75
Perry.....	35	90	70	22	68	40	70	1 35	32	45	45	45	1 75	4 35	50	50
Piatt.....	26	1 00	80	25	40	40	60	1 50	40	1 00	40	40	1 30	3 00	50	50
Pike.....	28	90	70	33	45	40	60	1 50	35	50	30	30	1 85	4 25	50	50
Pope.....	32	92	70	33	60	40	1 25	1 25	24	31	30	30	2 10	4 50	50	50
Pulaski.....	35	1 00	70	32	40	40	1 25	1 25	35	40	42	42	3 50	1 75	50	50
Putnam.....	29	81	76	24	48	40	60	1 50	49	1 00	57	57	1 40	4 75	50	50
Randolph.....	34	94	70	21	55	40	1 85	1 35	27	35	47	47	1 35	3 85	50	50
Richland.....	25	97	70	22	63	40	1 10	1 10	31	52	41	41	1 50	4 35	50	50
Rock Island.....	25	95	86	24	49	60	1 25	1 25	29	82	58	58	1 75	4 00	50	50
Saline.....	25	92	70	25	40	40	1 50	1 50	37	37	32	32	4 50	4 50	50	50
Sangamon.....	27	82	70	20	40	40	60	1 00	45	75	37	37	2 10	4 50	50	50
Schuyler.....	28	95	70	23	40	40	65	1 00	25	75	25	25	1 15	5 00	50	50
Scott.....	25	1 00	70	25	47	40	75	1 50	45	1 00	27	27	1 75	4 00	50	50
Shelby.....	25	96	70	19	47	75	80	1 85	34	77	32	32	1 00	2 00	5 05	1 20
Stark.....	25	85	70	26	48	45	1 00	1 00	45	1 50	53	53	1 30	2 75	5 00	50
St. Clair.....	30	1 00	70	25	40	40	60	1 50	25	40	40	40	2 50	4 75	50	50
Stephenson.....	29	1 05	1 05	23	49	45	75	1 40	37	37	37	37	1 55	1 95	50	50
Tazewell.....	29	82	80	24	50	50	2 00	2 00	43	85	38	38	5 00	1 00	1 00	1 00
Union.....	35	1 00	70	30	80	40	60	1 50	30	35	40	40	1 50	5 00	50	50
Vermilion.....	27	1 00	70	22	40	40	60	1 50	50	1 00	43	43	1 80	5 00	75	75
Wabash.....	25	92	70	21	40	40	55	1 65	42	72	40	40	1 90	4 60	50	50
Warren.....	25	90	80	25	49	40	50	1 75	41	94	58	58	2 10	5 15	1 20	1 20
Washington.....	31	93	70	20	55	60	50	80	38	37	53	53	1 25	1 35	5 00	55
Wayne.....	25	95	70	20	60	40	44	1 40	27	40	35	35	2 65	4 85	78	78
White.....	30	1 00	70	23	75	40	70	1 25	32	50	43	43	2 00	4 90	50	50
Whiteside.....	27	92	70	22	48	40	60	1 50	38	1 00	67	67	1 65	5 00	50	50
Will.....	30	96	70	25	50	40	60	1 50	45	45	90	90	1 35	1 70	4 50	35
Williamson.....	31	96	70	24	50	40	60	1 50	31	39	32	32	2 65	4 85	78	78
Winnebago.....	28	1 00	95	24	54	50	1 00	1 00	35	56	56	56	2 05	4 50	1 00	1 00
Woodford.....	27	80	70	24	40	40	60	1 50	50	1 50	87	87	1 25	4 50	50	50

PRICES OF CROPS, DECEMBER 1, 1883.

COUNTIES.	Peaches per bushel.	Pears per bushel.	Grapes per pound.	Clover Hay per ton.	Timothy Hay per ton.	Prairie Hay per ton.	Hungarian and Millet Hay per ton.	Broom Corn per ton.	Leaf Tobacco per pound.	Native Wine per gallon.	Sorghum Molasses per gallon.	Wool per pound.	Milch Cows per head.	Butter per pound.	Cheese per pound.	Milk per gallon.	Cream per gallon.
Adams	2 17	0 04	6 50	10 50	6 00						0 50	0 22	30 0	0 17		0 20	0 40
Alexander	62 1 00	03 4 00	7 00	10 00		8 00					32	40	22	18		20	
Bond	71 1 17	03 4 60	6 00			4 00			1 00		33	19	27	16	12	12	12
Boone		05 6 25	8 00	6 50							28	32	38	12			
Brown	2 00	02 5 50	7 50					80	12		47	20	35	16		20	17
Bureau		03 6 85	7 35	5 35	6 50							28	20	15	20		
Calhoun			8 00									24	15		20		
Carroll		04 4 50	6 35	4 50	6 00						50	22	25	26	15	40	
Cass		03 8 00	7 85						1 00		43	32	32	20		25	
Champaign	2 00	02 4 50	6 50	4 00	5 00				1 00		41	25	34	18	12	15	
Christian	1 50	02 6 00	7 75								40	24	35	19	15	20	
Clark	58 92	04 5 85	6 65					62	06 1 80		35	24	22	14	12	15	
Clay	75 1 10	03 8 65	8 00	7 00					07		32	25	22	14		20	60
Clinton	62 87	03 5 00	9 00	5 00	6 00	30			1 80		37	21	26	16	10	16	48
Coles	67 1 25	03 6 00	8 65	5 00	7 00	60			1 00		43	26	30	20	12		
Cook	1 50	03 9 00	9 35	5 65	6 00				10 1 00		60	35	33	27	10	11	67
Crawford	57 76	03 5 35	7 15			6 00	40	09 2 00	34		22	25	15	13	19	50	
Cumberland	44 87	04 5 50	5 85	4 00	6 00	59	10 1 00	34	34		25	23	16	13	27	60	
DeKalb	2 00	04	7 85	6 00							19	33	30	15	16		
DeWitt		03 4 50	6 25								45	25	32	18	15	20	40
Douglas	1 00	03 4 25	6 50	4 00	5 00	65	05 2 00	35	22		30	16	15	20			
DuPage	1 50	03 7 50	9 35	7 35	6 50		3 00				28	33	37	10	13	50	
Edgar	1 25	02 3 00	6 50	6 00	5 00	50					43	20	33	15	15	12	49
Edwards	62 1 25	03 5 00	10 65	7 00							38	21	22	17	14	13	75
Effingham	75 1 15	04 6 00	6 75	4 00	4 50		03				29	19	22	15	10	20	
Fayette	75		4 00	5 00							35		25	15			
Ford		03 3 50	6 35	3 00							47		29	18			
Franklin	1 00	02 11 50	9 00	6 00				02			30	20	22	15	14		
Fulton		03 5 90	8 00	5 00							43	20	28	17	25	22	80
Gallatin	62 1 00	04 7 00	10 00								35	25	18	20			
Greene	1 00	04 5 35	8 00							50		20	28	20	15	15	40
Grundy																	
Hamilton	40 53	03 6 50	8 35					03			32	23	20	15		15	25
Hancock		04 5 65	7 00	7 00	5 00						42	20	20	20	22	10	30
Hardin	50 50	03 8 00	8 00			7 00			1 00		25	20	15	18			
Henderson	4 00	03 4 00	5 50	3 00							40		25	19	15	20	40
Henry	3 00	02 5 00	6 20	4 40	3 50	47		1 25	44	19	25	19	14	14	60		
Iroquois	1 00	04 5 75	7 25	4 10	4 50						42	22	23	20	10	15	35
Jackson	75 1 25	04 9 00	12 00								40	25	20	20	15	11	
Jasper	50 67	05 4 65	6 60	6 00	6 00	60	09 1 00				29	21	21	14	11	06	20
Jefferson	1 00		10 00		8 00						40		30	19			16
Jersey	50 1 00	05 6 00	8 00								35	18	30	15	16		
Jo Daviess		04 06	5 25					08			45		30	22			
Johnson	37 75	02 8 00	14 00			10 00	40	04			30	32	22	13			
Kane	1 50	06 7 00	8 35	5 65	4 00							22	33	35	12	13	67
Kankakee		03 6 35	6 75	3 85							47		28	24	13		
Kendall		03 4 00	6 00	4 50								24	29	24	12	12	
Knox	2 00	03 5 25	6 25	7 00	5 25	62		1 50	42	26	27	21	12	11	47		
Lake	1 00	02 6 50	9 00	7 50	4 00						40	27	40	36	11	19	
LaSalle		04 6 10	7 40	4 70							50	21	28	23	12	22	54
Lawrence	55 80	03 5 80	9 00	3 00	7 00	70	10				34	21	20	14	10	22	60
Lee		03 5 00	6 75	4 85							18		28	20	12	18	33

PRICES OF CROPS, DECEMBER 1—Continued.

COUNTIES.	Peaches per bushel.	Pears per bushel.	Grapes per pound.	Clover Hay per ton.	Timothy Hay per ton.	Prairie Hay per ton.	Hungarian and Millet Hay per ton.	Broom Corn per ton.	Leaf Tobacco per pound.	Native Wine per gallon.	Sorghum Molasses per gallon.	Wool per pound.	Milch Cows per head.	Butter per pound.	Cheese per pound.	Milk per gallon.	Cream per gallon.
Livingston.....	1 50	1 50	04	5 75	7 25	5 00	5 00				45	20	30	17	15	13	40
Logan.....	1 50	2 00	03	5 65	8 75	5 35	4 00			75	47	32	32	19		20	
Macon.....	1 50	1 35	03	5 80	7 60						38	21	30	15	15	12	52
Macoupin.....	97	85	03	7 00	11 50	7 00	6 00	30		60	32	24	30	20	08	15	80
Madison.....	35	1 25	03	9 35	7 65		5 00		10		36	32	23	12	10	15	
Marion.....			05	5 00	6 00	5 50	3 00			1 70	50	31	31	19	15	25	
Marshall.....	1 50		05	9 35	8 65	5 65					30	22	30	18	25		
Mason.....	70	75	05	5 35	12 65				04		32	31	19	17	20		
Massac.....	3 00		03	4 50	7 50					1 50	49	25	29	17	17	11	35
McDonough.....			03	5 35	6 65	4 35	7 00				47	32	33	41	11	12	
McHenry.....			03	5 35	6 25						50	32	26	18	20		
McLean.....	1 20		03	6 50	7 50		8 00				47	21	28	18	15	25	
Menard.....			02	4 00	5 00	4 50					50	19	27	19	13		24
Mercer.....	75	1 00	05	8 00	12 00		9 00			1 00	35	25	20		20		
Montgomery.....	1 05	75	03	4 65	6 65		5 00			75	37	20	22	17			
Morgan.....	2 00		03	7 00	8 00						50	22	35	22	10		
Moultrie.....	50	1 00	02	5 00	10 00		6 00	50			40	25	30	15			
Ogle.....			02	3 00	6 00	4 00						28	30	22	13	20	15
Peoria.....			05	5 00	9 00	7 00					50	20	30	22		16	
Perry.....	92	80	03	8 35	10 00	5 00				1 00	30	32	26	22		10	37
Platt.....		40	03	5 00	5 00						60	18	30	12	10		
Pike.....	1 00		02	6 35	10 00		4 00				40	20	25	16			
Pope.....	40		04	7 00	9 00						27	30	20	15			
Pulaski.....	75	1 25	06	10 00	12 00		12 00		08	1 00	35	18	22	20	16	13	
Putnam.....			03	4 50	5 75	4 50				75	47	21	31	19	11	20	40
Randolph.....	75	90	03	6 65	10 00		6 65	75			38	23	22	18	13	10	
Richland.....	67	80	02	6 25	8 00		8 00		08		29	21	18	14	09	20	
Rock Island.....			03	7 00	8 35	6 85	5 00			1 00	50	27	27	21	12	18	60
Saline.....	43	60		7 00	9 00				02		27	25	21	15			
Sanгамон.....			02	6 00	7 15						47	20	32	22			
Schuyler.....			04	5 00	7 00						45	25	20		15		
Scott.....	1 00		02	6 50	8 50						45	22	30	20	15		
Shelby.....	81	85	03	5 00	8 10		4 85	40	10	85	37	22	28	14	13	20	52
Stark.....	2 00		04	5 50	7 00	5 00					50	20	29	20	13	20	40
St. Clair.....		1 00	03	4 00	10 00					50		20	20	20		10	
Stephenson.....	1 50		06	4 65	6 85	6 00			08		50	22	27	20	12	30	57
Tazewell.....			04	6 15	7 35	6 50				60		18	27	19	11	20	75
Union.....	1 00	1 50	08		11 00						40	21	20	18			
Vermilion.....	1 00	1 50	04	8 00	7 50		6 00				40	24	27	15	19	20	
Wabash.....	62	1 15	03	8 00	10 85			30	10		40	23	23	19	15	16	
Warren.....	1 00	1 50	03	6 15	6 75	5 00	5 00	50		1 00	50	20	29	16	15	12	45
Washington.....	35	80	04	7 00	8 50		6 00		10	75	35	24	26	19	20	12	
Wayne.....	50	85	05	6 35	7 85	8 00	4 00		04	1 25	32	22	20	14	12	20	
White.....	47	76	06	7 35	10 00				06		33	25	21	16	20		
Whiteside.....			03	6 00	6 00	4 50					40	21	27	26	13		22
Will.....				6 50	7 75	5 50						32	21	11			
Williamson.....	74	80	07	6 60	9 20				04	35	33	34	25	17	15	20	
Winnebago.....			04	7 00	7 50	5 00						20	34	27	12	12	
Woodford.....			03	4 00	7 25	5 00					50	20	30	18	16		

CORN.

COUNTIES.	Acreage 1888, returned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Profit on crop.
Adams.....	79,225	39	3,089,775	\$0 28	\$865,137	\$8 90	\$705,102	\$160,035	.....
Alexander....	10,447	37	386,539	36	139,154	9 60	100,291	38,863	.....
Bond.....	39,275	36	1,413,900	26	367,614	7 85	308,309	59,305	.....
Boone.....	33,804	34	1,149,336	37	425,254	11 55	390,436	34,818	.....
Brown.....	28,334	40	1,133,360	28	317,341	*8 15	230,922	86,419	.....
Bureau.....	148,505	43	6,385,715	30	1,915,714	9 90	1,470,199	445,515	.....
Calhoun.....	12,834	*54	693,036	30	207,911	12 75	163,633	44,278	.....
Carroll.....	64,281	37	2,378,397	25	594,599	9 10	584,957	9,642	.....
Cass.....	46,920	48	2,252,160	27	608,083	9 95	466,844	141,239	.....
Champaign...	226,312	42	9,505,104	26	2,471,327	9 90	2,240,489	230,838	.....
Christian.....	110,511	46	5,883,506	25	1,470,876	10 20	1,127,212	343,664	.....
Clark.....	39,291	30	1,178,730	29	341,832	7 85	308,434	33,398	.....
Clay.....	33,818	30	1,014,540	25	253,635	7 30	246,871	6,764	.....
Clinton.....	54,000	34	1,836,000	26	477,360	10 05	542,700	\$65,340	.....
Coles.....	65,106	45	2,929,770	25	732,442	8 80	572,933	159,509	.....
Cook.....	48,231	30	1,446,930	36	520,895	11 80	569,126	48,231	.....
Crawford.....	31,663	31	981,553	25	245,388	8 85	280,217	34,829	.....
Cumberland...	25,864	44	1,138,016	25	284,504	5 80	150,011	134,493	.....
DeKalb.....	102,412	40	4,096,480	32	1,310,874	12 05	1,234,065	76,809	.....
DeWitt.....	77,312	40	3,092,480	27	834,970	8 95	691,942	143,028	.....
Douglas.....	83,849	42	3,521,658	28	986,064	12 00	1,006,188	20,124	.....
DuPage.....	30,884	27	853,868	33	275,176	9 90	305,752	30,576	.....
Edgar.....	98,260	35	3,439,100	26	894,166	10 00	982,600	88,434	.....
Edwards.....	17,437	28	488,236	30	146,471	*8 50	148,214	1,743	.....
Effingham...	44,327	34	1,507,118	25	376,779	5 65	250,447	126,332	.....
Fayette.....	55,473	25	1,386,825	25	348,716	8 05	446,558	99,852	.....
Ford.....	111,817	39	4,360,863	28	1,221,042	9 45	1,056,671	164,371	.....
Franklin.....	20,040	*28	561,120	25	140,280	12 10	242,484	102,204	.....
Fulton.....	101,877	55	5,603,235	26	1,456,841	11 55	1,176,679	280,162	.....
Gallatin.....	20,482	40	819,280	28	229,398	8 50	174,097	55,301	.....
Greene.....	61,133	59	3,606,847	25	901,712	12 40	758,049	143,663	.....
Grundy.....	85,004	*38	3,230,152	*30	969,046	12 75	1,083,801	114,755	.....
Hamilton.....	32,035	30	961,050	28	269,094	8 90	285,111	16,017	.....
Hancock.....	86,736	36	3,122,496	28	874,299	10 85	941,206	66,907	.....
Hardin.....	12,254	30	367,620	30	110,286	9 70	118,864	8,578	.....
Henderson...	57,207	50	2,860,350	25	715,087	12 05	740,831	25,744	.....
Henry.....	140,328	47	6,595,416	25	1,648,854	9 05	1,269,968	378,886	.....
Iroquois.....	219,540	32	7,025,280	26	1,826,573	7 85	1,723,389	103,184	.....
Jackson.....	19,845	35	694,575	35	243,101	12 85	254,808	11,707	.....
Jasper.....	40,608	36	1,461,888	25	365,472	7 00	284,256	81,216	.....
Jefferson.....	44,308	15	664,620	28	186,094	5 45	241,479	55,385	.....
Jersey.....	26,618	60	1,597,080	25	399,270	9 05	240,893	158,377	.....
JoDavies...	53,230	37	1,969,510	26	512,073	10 90	580,207	68,134	.....
Johnson.....	14,048	32	449,536	27	121,375	9 50	137,670	16,295	.....
Kane.....	54,445	35	1,905,575	34	647,895	12 65	688,729	40,834	.....
Kankakee.....	93,481	38	3,552,278	27	959,115	8 15	761,870	197,245	.....
Kendall.....	59,242	40	2,369,680	31	734,601	12 55	743,487	8,886	.....
Knox.....	104,129	50	5,206,000	27	1,405,620	9 05	942,286	463,334	.....
Lake.....	25,517	35	893,095	34	303,652	14 00	357,238	53,586	.....
LaSalle.....	213,211	43	9,168,073	31	2,842,103	12 10	2,579,853	262,250	.....
Lawrence.....	37,573	30	1,127,190	24	270,526	10 60	398,274	127,748	.....
Lee.....	110,357	45	4,966,065	30	1,489,819	9 60	1,059,427	430,392	.....

CORN—Continued.

COUNTIES.	Average 1888, returned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Profit on crop.
Livingston...	229,212	30	6,876,360	\$0 29	\$1,994,144	\$7 40	\$1,696,169	\$297,975	
Logan.....	129,948	47	6,107,556	25	1,526,889	9 75	1,266,993	259,896	
Macon.....	107,536	50	5,376,800	25	1,344,200	11 40	1,225,910	118,290	
Macoupin...	102,763	46	4,727,098	26	1,229,045	6 95	714,203	514,842	
Madison.....	91,414	48	4,387,872	26	1,140,847	9 65	882,145	258,702	
Marion.....	33,615	29	974,835	26	253,457	7 45	250,432	3,025	
Marshall.....	72,395	41	2,968,195	29	860,776	8 55	618,977	241,799	
Mason.....	81,167	26	2,110,342	26	548,689	11 40	925,304		\$376,615
Massac.....	15,951	25	398,775	38	151,534	8 80	140,369	11,165	
McDonough...	53,854	42	2,261,868	27	610,704	10 25	552,003	58,701	
McHenry.....	63,747	38	2,422,386	32	775,163	16 25	1,035,889		260,726
McLean.....	217,981	46	10,027,126	28	2,807,595	9 50	2,070,719	736,876	
Menard.....	74,850	53	3,967,050	29	1,150,444	9 55	714,817	435,627	
Mercer.....	78,298	42	3,288,516	25	822,129	10 50	822,129		
Monroe.....	18,740	40	749,600	26	194,896	11 90	221,406		26,510
Montgomery...	103,640	39	4,041,960	26	1,050,910	9 65	1,000,126	50,784	
Morgan.....	97,374	46	4,479,204	30	1,343,761	7 60	740,042	603,719	
Moultrie.....	50,151	40	2,006,040	25	501,510	7 65	383,655	117,855	
Ogle.....	120,418	40	4,816,720	30	1,445,016	11 25	1,354,702	90,314	
Peoria.....	70,289	53	3,725,317	27	1,005,835	10 90	766,150	239,685	
Perry.....	5,334	27	144,018	35	50,406	7 05	37,605	12,801	
Piatt.....	94,175	50	4,708,750	26	1,224,275	7 80	734,565	489,710	
Pike.....	66,135	43	2,843,805	28	796,265	*10 30	681,190	115,075	
Pope.....	*18,892	24	453,408	32	145,090	10 85	204,978		59,888
Pulaski.....	14,319	31	443,889	35	155,361	12 15	173,976		18,615
Putnam.....	25,043	39	976,677	29	283,236	10 50	262,951	20,285	
Randolph.....	28,246	33	932,118	34	316,920	7 40	209,020	107,900	
Richland.....	29,801	23	685,423	25	171,356	8 85	263,739		92,383
Rock Island...	73,560	44	3,236,640	25	809,160	9 65	709,854	99,306	
Saline.....	34,531	33	1,139,523	25	284,881	10 85	374,661		89,780
Sangamon.....	136,520	53	7,235,560	27	1,953,601	10 45	1,426,634	526,967	
Schuyler.....	42,142	55	2,317,810	28	648,987	7 00	294,994	353,993	
Scott.....	15,677	67	1,050,359	25	262,590	11 90	186,556	76,034	
Shelby.....	85,885	44	3,778,940	23	944,735	8 70	747,199	197,536	
Stark.....	54,911	47	2,580,817	25	645,204	12 15	667,169		21,955
St. Clair.....	60,588	40	2,423,520	30	727,056	*9 85	596,792	130,264	
Stephenson...	72,829	36	2,621,844	29	760,355	9 95	724,648	35,687	
Tazewell.....	109,586	45	4,931,370	29	1,430,097	8 20	898,605	531,492	
Union.....	18,390	35	643,650	35	225,277	*11 80	217,002	8,275	
Vermilion.....	144,680	43	6,221,240	27	1,679,735	*9 95	1,439,566	240,169	
Wabash.....	20,996	33	692,888	25	173,217	9 30	195,263		22,046
Warren.....	92,583	48	4,444,080	25	1,111,020	10 60	981,401	129,619	
Washington...	37,393	30	1,121,790	31	347,755	7 90	295,405	52,350	
Wayne.....	43,340	26	1,126,840	25	281,710	6 95	301,213		19,503
White.....	45,834	34	1,558,356	30	467,507	8 85	405,851	61,656	
Whiteside.....	101,668	29	3,948,372	27	1,066,060	9 40	955,679	110,381	
Will.....	117,001	37	4,329,037	30	1,298,711	10 80	1,263,611	35,100	
Williamson...	20,223	32	647,136	31	200,612	14 50	293,233		92,621
Winnebago....	71,243	35	2,493,505	28	698,181	9 30	702,560		4,379
Woodford.....	99,512	40	3,980,480	27	1,074,730	8 85	880,681	194,049	
Total or av.	7,047,813	39	277,726,451	\$0 28	\$79,245,114	\$9 75	\$68,874,820	12,561,234	\$2,190,949

*Estimated.

†Estimated same as in 1887.

WINTER GRAIN.

COUNTIES.	WHEAT.				RYE.			
	Acreage 1888, re- turned by As- sessors.	Acreage 1889, com- pared with 1888.	Acreage 1889 crop	Condition Dec. 1, 1888.	Acreage 1888, re- turned by As- sessors.	Acreage 1889, com- pared with 1888.	Acreage 1889 crop.	Condition Dec. 1, 1888.
Adams	85,025	97	82,474	82	1,514	92	1,393	95
Alexander	9,087	102	9,269	106	1	100	1	101
Bond	19,840	78	15,475	98	541	85	460	100
Boone	441	90	397	80	4,765	95	4,527	87
Brown	30,264	100	30,264	80	454	100	434	100
Bureau	3,371	*89	5,000	*94	10,152	95	9,644	100
Calhoun	16,122	100	16,122	110				
Carroll	2,263	80	1,814	65	11,412	91	10,385	77
Cass	26,626	105	27,957	105	477	90	429	100
Champaign	27,740	82	22,747	87	1,995	100	1,995	100
Christian	59,121	81	47,888	90	396	87	344	97
Clark	22,728	63	14,319	99	712	76	541	99
Clay	5,012	106	5,313	100	79	87	69	100
Clinton	44,064	67	29,524	105	331	*92	304	*108
Coles	5,491	97	5,326	98	235	85	200	113
Cook	96	100	96	110	2,318	112	2,596	100
Crawford	20,885	82	17,126	504	158	62	98	107
Cumberland	12,832	100	12,832	92	619	100	619	100
DeKalb	351	105	368	97	7,144	100	7,144	97
DeWitt	7,020	100	7,020	90	803	100	803	100
Douglas	10,435	90	9,391	100	185	92	170	100
DuPage	145	95	138	95	6,089	105	6,393	87
Edgar	32,583	85	27,695	95	600	100	600	100
Edwards	12,697	117	14,855	102	3	75	22	100
Effingham	15,108	72	10,878	99	746	85	634	94
Efayette	20,746	105	21,783	105	779	*87	678	*104
Ford	605	90	544	100	1,942	80	1,554	90
Franklin	7,449	*91	6,778	100	45	*94	42	*98
Fulton	60,369	96	57,955	94	4,021	83	3,337	95
Gallatin	13,092	100	13,092	110	9	*110	10	*105
Greene	54,412	106	54,412	104	255	97	247	100
Grundy	1,028	*83	853	*90	1,574	*89	1,401	*95
Hamilton	4,447	6	2,668	85	166	85	141	100
Hancock	51,434	93	47,834	94	2,207	90	1,986	96
Hardin	7,685	90	6,916	121	21	*120	25	*98
Henderson	7,161	97	6,946	97	5,062	90	4,556	97
Henry	650	100	650	100	14,906	108	16,098	86
Iroquois	3,842	80	3,074	90	4,665	92	4,292	97
Jackson	33,557	*101	33,892	110	143	*95	136	*103
Jasper	16,939	75	12,704	105	303	88	267	100
Jefferson	5,099	*84	4,283	100	123	*89	109	*107
Jersey	29,200	*95	27,740	100	7	100	7	100
Jo Daviess	3,736	97	3,624	80	6,212	87	5,404	85
Johnson	12,448	100	12,448	105	34	90	31	100
Kane	194	80	155	83	9,063	85	7,703	87
Kankakee	2,364	67	1,584	83	7,000	89	6,230	94
Kendall	4,997	95	472	100	6,820	100	6,820	100
Knox	7,788	107	8,331	100	5,568	93	5,178	100
Lake	678	100	678	100	1,744	100	1,744	100
LaSalle	6,600	89	5,874	84	2,712	80	2,170	91
Lawrence	27,968	96	26,849	105	300	110	330	100
Lee	641	100	641	102	8,337	100	5,337	90

WINTER GRAIN—Continued.

COUNTIES.	WHEAT.				RYE.			
	Acreage 1888, re- turned by As- sessors.	Acreage 1889, com- pared with 1888.	Acreage 1889 crop.	Condition Dec. 1, 1888.	Acreage 1888, re- turned by As- sessors.	Acreage 1889, com- pared with 1888.	Acreage 1889 crop.	Condition Dec. 1, 1888.
Livingston...	3,304	80	2,643	95	3,342	75	2,506	87
Logan.....	47,053	103	48,464	96	468	*91	426	*97
Macon.....	21,022	90	18,920	100	807	*94	758	*100
Macoupin.....	82,830	83	68,749	96	393	80	314	80
Madison.....	82,752	99	81,724	103	308	100	308	99
Marion.....	5,765	60	3,459	111	335	75	251	125
Marshall.....	2,063	61	1,258	92	1,014	66	669	100
Mason.....	63,511	94	59,700	92	1,167	100	1,167	100
Massac.....	21,177	100	21,177	113	115	125	144	90
McDonough.....	14,409	75	10,807	81	1,551	92	1,427	97
McHenry.....	542	95	515	100	5,550	95	5,272	105
McLean.....	9,599	95	9,119	96	2,889	80	2,311	92
Menard.....	25,050	94	23,547	99	700	92	644	90
Mercer.....	1,789	100	1,789	95	8,674	95	8,240	92
Monroe.....	54,622	105	57,353	110	221	*100	221	*100
Montgomery.....	67,868	83	56,330	97	587	100	587	97
Morgan.....	49,517	107	52,983	100	229	100	229	100
Moultrie.....	7,091	85	6,027	100	214	*91	195	*103
Ogle.....	2,895	*85	2,461	*77	15,343	100	15,343	110
Peoria.....	12,381	75	9,286	75	2,456	75	1,842	75
Perry.....	6,647	92	6,115	102	19	103	19	107
Piatt.....	10,461	100	10,461	100	623	100	623	100
Pike.....	84,339	97	81,809	92	414	97	401	100
Pope.....	+12,873	109	12,873	102	193	150	189	100
Pulaski.....	10,960	105	11,508	112				
Putnam.....	1,107	87	963	90	999	100	999	94
Randolph.....	69,031	103	71,102	127	230	100	230	100
Rickland.....	14,948	67	10,015	107	503	90	453	101
Rock Island.....	659	77	507	90	6,153	88	5,415	95
Saline.....	14,792	100	14,792	95	85	100	85	90
Sangamon.....	62,661	115	72,060	107	666	103	686	103
Schuyler.....	40,714	110	44,785	100	857	90	771	*98
Scott.....	15,173	100	15,173	100	79	90	71	100
Shelby.....	23,847	84	20,031	102	714	85	607	102
Stark.....	441	100	441	99	2,426	107	2,596	100
St. Clair.....	100,938	110	110,999	110	218	100	218	100
Stephenson.....	3,332	80	2,666	55	19,946	84	16,755	61
Tazewell.....	38,056	*8	33,489	100	653	73	477	98
Union.....	26,527	103	27,323	110	33	103	34	115
Vermilion.....	24,091	78	18,791	95	1,129	75	847	97
Wabash.....	21,290	96	20,438	100	41	125	51	102
Warren.....	2,861	103	2,947	97	3,639	85	3,093	97
Washington.....	76,033	102	77,554	115	668	100	668	110
Wayne.....	10,464	75	7,848	109	136	75	102	100
White.....	34,089	112	38,180	108	224	105	235	125
Whiteside.....	997	*88	877	*88	22,718	95	21,582	77
Will.....	3,063	*87	2,665	*92	9,068	100	9,067	100
Williamson.....	14,039	114	16,004	105	172	87	150	97
Winnebago.....	625	55	344	65	20,250	75	15,187	60
Woodford.....	7,946	90	7,151	87	1,686	100	1,686	85
Total or average.....	2,158,193	95	2,051,490	97	276,558	92	254,739	97

*Estimated.

+Estimated same as in 1887.

PASTURES AND SORCHUM.

COUNTIES.	PASTURES.			SORGHUM.					
	Acreage 1888, re- turned by As- sessors.	Value per acre for season of 1888.	Total value.	Acreage 1888, re- turned by As- sessors.	No. of gallons of syrup per acre.	Total number of gallons produc- ed.	Price per gallon.	Value of product.	
Adams	68,327	\$3 75	\$256,226	328	*107	35,096	\$0 50	\$17,548	
Alexander	96	7 50	720	74	175	12,950	22	2,849	
Bond	30,825	2 80	86,310	175	133	23,275	33	7,681	
Boone	51,487	6 00	308,922						
Brown	19,707	6 50	128,095	136	*107	14,552	47	6,839	
Bureau	122,929	5 15	633,084	30	*107	3,210	*47	1,509	
Calhoun	11,886	5 00	59,430	22	*107	2,354	*37	871	
Carroll	67,586	3 50	236,551	85	50	4,250	50	2,125	
Cass	24,459	3 00	73,577	32	137	4,384	43	1,885	
Champaign	111,825	3 35	374,614	145	*107	15,515	41	6,361	
Christian	73,403	3 50	356,910	70	*107	7,490	40	2,996	
Clark	39,828	2 50	99,570	118	95	11,210	35	3,923	
Clay	35,838	1 00	35,838	371	59	21,889	32	7,004	
Clinton	29,394	5 00	146,970	65	100	6,500	37	2,405	
Coles	28,406	4 50	127,827	52	150	7,800	43	3,354	
Cook	85,875	3 65	313,444	10	100	1,000	60	600	
Crawford	28,630	2 75	78,732	93	110	10,230	34	3,478	
Cumberland	21,865	2 15	47,010	150	87	13,050	34	4,437	
DeKalb	115,497	6 50	750,720						
DeWitt	57,612	7 00	403,284	14	150	2,100	45	945	
Douglas	57,584	2 75	158,356	161	100	16,100	35	5,635	
DuPage	54,511	2 85	155,356						
Edgar	92,554	4 50	416,493	24	100	2,400	43	1,032	
Edwards	15,802	7 75	122,458	50	73	3,650	38	1,387	
Effingham	28,579	3 75	107,171	422	62	26,164	29	7,587	
Fayette	44,698	2 00	89,396	327	100	32,700	35	11,445	
Ford	57,753	2 85	164,596	40	*107	4,280	47	2,012	
Franklin	20,547	5 00	102,735	458	*107	49,006	30	14,702	
Fulton	80,883	5 15	416,547	98	80	7,840	43	3,371	
Gallatin	3,871	4 75	18,387	6	87	522	35	183	
Greene	79,814	3 60	287,330	101	107	10,807	*35	3,782	
Grundy	69,933	5 10	356,658	2	*107	214	*47	100	
Hamilton	15,117	2 00	30,234	359	100	35,900	32	11,488	
Hancock	80,075	3 40	272,255	212	100	21,200	42	8,904	
Hardin	4,729	3 00	14,187	208	75	15,600	25	3,900	
Henderson	80,548	2 00	161,096	21	*107	2,247	40	899	
Henry	130,740	4 30	562,182	106	155	16,430	44	7,229	
Iroquois	173,497	2 50	433,742	116	60	6,960	42	2,923	
Jackson	11,228	2 00	22,456	117	60	7,020	40	2,808	
Jasper	26,553	3 90	103,557	482	93	44,826	29	12,999	
Jefferson	45,185	1 50	67,777	120	*107	12,840	40	5,136	
Jersey	19,249	3 00	57,747	16	*107	1,712	35	599	
Jo Daviess	93,676	4 30	402,807	23	*107	2,461	45	1,107	
Johnson	4,707	8 10	38,127	233	150	34,950	30	10,485	
Kane	95,873	2 85	273,238						
Kankakee	95,163	3 60	342,587	53	100	5,300	47	2,491	
Kendall	48,890	3 00	146,670						
Knox	144,333	3 35	483,515	69	117	8,073	42	3,391	
Lake	86,273	3 10	267,446	8	*107	856	40	342	
LaSalle	131,185	3 60	472,266	9	125	1,125	50	562	
Lawrence	26,702	2 95	78,771	123	70	8,610	34	2,927	
Lee	124,685	3 25	405,226	1	*107	107	*46	49	

PASTURES AND SORGHUM—Continued.

COUNTIES.	PASTURES.			SORGHUM.				
	Acreage 1888, re- turned by As- sessors.	Value per acre for season of 1888	Total value.	Acreage 1888, re- turned by As- sessors.	No. of gallons of syrup per acre.	Total number of gallons produc- ed.	Price per gallon.	Value of product.
Livingston.....	106,333	\$6 35	\$675,214	81	115	9,315	\$0 45	\$4,192
Logan.....	63,653	3 00	190,959	21	*107	2,247	47	1,056
Macon.....	53,599	3 35	206,346	25	*107	2,675	50	1,337
Macoupin.....	85,627	4 49	376,759	101	149	14,140	38	5,373
Madison.....	41,116	4 10	168,576	200	150	30,000	32	9,600
Marion.....	43,860	2 35	103,071	305	80	24,400	36	8,784
Marshall.....	53,177	4 15	220,684	7	*107	749	50	374
Mason.....	24,851	5 60	139,167	36	*107	3,852	50	1,926
Massac.....	4,926	4 00	19,704	141	45	6,345	32	2,030
McDonough.....	42,748	3 00	128,244	32	200	6,400	49	3,136
McHenry.....	126,174	2 54	315,447	12	*107	1,284	47	603
McLean.....	146,442	3 05	446,648	31	*107	3,317	50	1,658
Menard.....	39,650	4 10	162,565	350	100	25,000	47	11,750
Mercer.....	104,823	4 00	419,292	184	200	36,800	50	18,400
Monroe.....	5,936	3 00	17,808	62	*107	6,634	35	2,322
Montgomery.....	95,087	2 70	256,735	178	162	28,836	37	10,669
Morgan.....	110,562	3 85	425,664	.....	.....	.....	.....	.....
Moultrie.....	28,939	3 00	86,817	13	*107	1,391	40	556
Ogle.....	108,792	3 00	326,376	21	*107	2,247	*46	1,034
Peoria.....	52,086	3 50	182,301	9	*107	963	50	481
Perry.....	3,666	2 59	9,165	5	40	200	30	60
Platt.....	39,783	3 00	119,349	28	*107	2,996	60	1,798
Pike.....	59,640	3 35	199,794	91	*107	9,737	50	3,895
Pope.....	19,887	3 00	59,661	.....	.....	.....	.....	.....
Pulaski.....	5,062	4 00	20,218	147	137	20,139	35	7,049
Putnam.....	27,292	3 35	91,428	1	107	107	47	50
Randolph.....	21,609	2 25	48,600	334	95	31,730	38	12,057
Richland.....	35,116	2 00	70,232	385	88	33,880	29	9,825
Rock Island.....	63,865	3 25	207,561	148	80	11,840	50	5,920
Saline.....	11,791	4 00	47,164	549	85	46,665	27	12,599
Sangamon.....	108,809	4 10	446,117	69	*107	7,383	47	3,470
Schuyler.....	48,999	4 00	195,996	196	*107	17,762	45	7,993
Scott.....	9,278	3 60	33,401	.....	.....	.....	.....	.....
Shelby.....	66,465	4 25	282,176	198	155	39,690	37	11,355
Stark.....	43,798	4 00	175,192	39	100	3,900	50	1,950
St. Clair.....	23,545	5 00	117,725	46	*107	4,922	*35	1,723
Stephenson.....	65,961	5 10	336,461	8	200	1,600	50	800
Tazewell.....	52,812	8 65	456,824	29	*107	3,103	*47	1,458
Union.....	*8,289	5 15	42,688	48	115	5,520	40	2,208
Vermilion.....	115,820	3 00	347,460	87	*107	9,309	40	3,724
Wabash.....	15,696	2 65	41,594	7	80	560	40	224
Warren.....	98,882	3 75	370,307	215	100	21,500	50	10,750
Washington.....	25,044	2 00	50,088	227	100	22,700	35	7,945
Wayne.....	45,913	1 50	68,869	379	94	34,110	32	10,915
White.....	18,304	2 05	37,523	284	120	34,080	33	11,246
Whiteside.....	108,695	1 75	190,216	47	*107	5,029	40	2,012
Will.....	128,876	9 00	1,159,884	3	*107	321	*51	164
Williamson.....	9,093	3 10	28,204	225	59	13,275	33	4,381
Winnebago.....	71,617	6 75	483,415	23	*107	2,461	*48	1,181
Woodford.....	44,535	3 00	133,605	15	*107	1,605	50	802
Total or av.....	5,796,935	\$3 85	\$22,259,067	11,447	101	1,160,474	\$0 37	\$429,120

*Estimated.

†Estimated same as in 1887.

IRISH POTATOES.

COUNTIES.	Acreage 1888, re- turned by Assessors.	Average yield per acre in bushels.	Total yield in bush.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of produc- tion.	Profit on crop.	Loss on crop.
Adams.....	2,300	119	261,800	\$0 37	\$96,866	\$21 50	\$47,300	\$49,566	.....
Alexander.....	343	150	51,450	32	16,464	20 80	7,134	9,330	.....
Bond.....	376	102	38,352	29	11,122	21 55	8,103	3,019	.....
Boone.....	904	77	69,608	40	27,843	27 75	25,094	12,749	.....
Brown.....	331	72	23,832	40	9,533	*20 95	6,934	2,599	.....
Bureau.....	2,080	130	270,400	42	113,568	19 95	41,496	72,072	.....
Calhoun.....	371	*79	29,309	30	8,793	24 95	9,256	\$ 463	.....
Carroll.....	1,246	96	119,616	32	38,277	17 15	21,369	16,908	.....
Cass.....	433	108	46,764	47	21,979	25 90	11,215	10,764	.....
Champaign.....	1,869	47	87,843	52	45,678	19 35	36,165	9,513	.....
Christian.....	950	167	158,650	38	60,287	24 00	22,800	37,487	.....
Clark.....	237	97	22,989	25	5,747	23 95	5,676	71	.....
Clay.....	436	81	35,316	28	9,888	14 35	6,257	3,631	.....
Clinton.....	1,033	60	61,980	27	16,735	*20 30	20,970	4,235	.....
Coles.....	371	98	36,358	43	15,634	15 10	5,602	10,032	.....
Cook.....	10,935	100	1,093,500	37	404,595	22 25	243,304	161,291	.....
Crawford.....	238	93	22,134	32	7,083	16 20	3,856	3,227	.....
Cumberland.....	150	76	11,400	31	3,534	15 55	2,332	1,202	.....
DeKalb.....	1,689	87	146,943	42	61,716	10 90	18,410	43,306	.....
DeWitt.....	195	100	19,500	50	9,750	21 15	4,124	5,626	.....
Douglas.....	205	100	20,500	52	10,660	24 10	4,940	5,720	.....
DuPage.....	4,010	83	332,830	47	156,430	27 70	111,077	45,353	.....
Edgar.....	383	20	7,660	42	3,217	13 65	5,228	2,011	.....
Edwards.....	146	132	19,272	33	6,360	*18 65	2,723	3,637	.....
Efingham.....	921	152	139,992	29	40,598	16 25	14,966	25,632	.....
Fayette.....	607	137	83,159	25	20,790	19 70	11,958	8,832	.....
Ford.....	430	40	17,200	57	9,804	21 40	9,202	602	.....
Franklin.....	215	115	24,725	27	6,676	22 45	4,827	1,849	.....
Fulton.....	1,738	121	210,298	35	73,604	18 50	32,153	41,451	.....
Gallatin.....	61	75	4,575	35	1,601	*19 30	1,177	424	.....
Greene.....	555	107	59,385	29	17,222	*17 70	9,823	7,399	.....
Grundy.....	405	*90	36,450	*49	17,860	19 50	7,897	9,963	.....
Hamilton.....	261	108	28,188	35	9,866	18 85	4,920	4,946	.....
Hancock.....	1,341	109	146,169	30	43,851	27 50	36,877	6,974	.....
Hardin.....	1,057	50	52,850	20	10,570	21 85	23,095	12,525	.....
Henderson.....	149	50	7,450	35	2,607	37 90	5,647	3,040	.....
Henry.....	1,659	118	195,762	39	76,347	11 90	19,742	56,605	.....
Iroquois.....	1,915	46	88,090	*53	46,688	27 90	53,428	6,740	.....
Jackson.....	661	75	49,575	32	15,864	*22 60	14,938	926	.....
Jasper.....	597	95	56,715	26	14,746	12 85	7,671	7,075	.....
Jefferson.....	191	*109	20,819	30	6,246	20 9	3,992	2,254	.....
Jersey.....	340	75	25,500	35	8,925	12 25	4,165	4,760	.....
JoDaviss.....	1,965	65	127,725	27	34,486	23 95	47,062	12,576	.....
Johnson.....	84	122	10,248	30	3,074	21 90	1,840	1,234	.....
Kane.....	1,768	53	93,704	47	44,041	24 00	42,432	1,609	.....
Kankakee.....	1,171	89	104,219	52	54,194	36 25	42,449	11,745	.....
Kendall.....	908	75	68,100	45	30,645	22 60	20,521	10,124	.....
Knox.....	1,092	104	113,568	41	46,563	18 75	20,475	26,088	.....
Lake.....	1,674	87	145,638	37	53,886	*24 65	41,264	12,622	.....
LaSalle.....	2,848	135	384,480	50	192,240	29 75	84,728	107,512	.....
Lawrence.....	248	66	16,368	35	5,729	20 15	4,997	732	.....
Lee.....	1,752	8	140,160	42	58,867	23 80	41,698	17,169	.....

IRISH POTATOES—Continued.

COUNTIES.	Acreage 1888, returned by Assessors.	Average yield per acre in bushels.	Total yield in bush.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Livingston	2,015	75	151,125	\$ 0 53	\$ 80,096	\$16 75	\$ 33,751	\$ 46,345	
Logan	1,020	97	98,940	56	55,406	16 10	16,442	38,964	
Macon	557	100	55,700	53	29,521	23 75	13,229	16,292	
Macoupin	596	120	71,520	35	25,032	14 25	8,493	16,539	
Madison	11,860	132	1,565,520	29	454,001	23 65	281,489	173,512	
Marion	394	140	55,160	27	14,893	16 50	6,501	8,392	
Marshall									
Mason	307	75	23,025	45	10,361	17 40	5,342	5,019	
Massac	331	87	28,797	27	7,775	16 80	5,561	2,214	
McDonough	409	172	70,348	40	28,139	28 95	11,840	16,299	
McHenry	2,043	100	204,300	45	91,935	27 75	56,693	35,242	
McLean	1,655	75	124,125	49	60,821	26 95	41,602	16,219	
Menard	1,230	100	123,000	50	61,500	20 00	24,600	36,900	
Mercer	1,023	88	90,024	22	19,805	21 40	21,892		\$ 2,087
Monroe	1,611	150	241,650	25	60,412	31 65	50,988	9,424	
Montgomery	560	123	68,880	30	20,664	16 70	9,352	11,312	
Morgan	763	117	89,271	37	33,030	*20 95	15,985	17,045	
Moultrie	209	50	10,450	35	3,657	12 10	2,329	1,328	
Ogle	2,241	200	448,200	50	224,100	31 70	71,040	153,060	
Peoria	1,372	80	109,760	50	54,880	20 30	27,852	27,028	
Perry	81	112	9,072	32	2,903	23 70	1,920	983	
Piatt	484	50	24,200	40	9,680	*21 25	10,285		605
Pike	1,061	55	58,355	35	20,424	*20 90	22,175		1,751
Pope	1153	70	10,710	24	2,570	21 20	3,244		674
Pulaski	630	77	48,510	35	16,978	17 55	11,056	5,922	
Putnam	262	58	15,196	49	7,446	21 00	5,502	1,944	
Randolph	1,013	102	103,326	27	27,898	27 15	27,503	395	
Richland	505	117	59,085	31	18,316	18 20	9,191	9,125	
Rock Island	3,230	125	403,750	29	117,087	17 85	57,655	59,432	
Saline	201	125	25,125	37	9,296	17 80	3,578	5,718	
Sangamon	1,075	100	107,500	45	48,375	25 90	27,842	20,533	
Schuyler	451	130	58,630	25	14,657	15 50	6,990	7,667	
Scott	77	125	9,625	45	4,331	19 40	1,494	2,837	
Shelby	892	139	123,988	34	42,156	6 25	6,575	36,581	
Stark	562	93	52,266	45	23,520	15 25	8,570	14,950	
St. Clair	9,672	100	967,200	25	241,800	*24 60	237,931	3,869	
Stephenson	1,957	79	154,603	37	57,203	24 05	47,066	10,137	
Tazewell	1,024	77	78,848	43	33,905	15 25	15,616	18,289	
Union	317	82	25,994	30	7,798	*20 00	6,340	1,458	
Vermilion	1,342	30	40,260	50	20,130	*21 25	28,517		8,387
Wabash	161	122	19,642	42	8,250	22 00	3,542	4,708	
Warren	639	162	103,518	41	42,442	28 25	18,052	24,390	
Washington	1,308	99	117,720	28	32,962	20 20	26,422	6,540	
Wayne	286	92	26,312	27	7,104	15 60	4,462	2,642	
White	326	100	32,600	32	10,432	18 75	6,112	4,320	
Whiteside	2,275	100	227,500	38	86,450	14 10	32,077	54,373	
Will	3,191	77	245,707	45	110,568	18 60	59,353	51,215	
Williamson	188	175	32,900	31	10,199	17 15	3,224	6,975	
Winnebago	1,750	62	108,500	35	37,975	18 60	32,550	5,425	
Woodford	858	*84	72,072	50	36,036	28 95	24,839	11,197	
Total or av	123,911	100	12,431,627	\$0 37	\$4,554,268	\$22 10	\$2,740,973	\$1,868,389	\$55,094

*Estimated.

†Estimated same as in 1887.

SWEET POTATOES, TURNIPS, ETC.

COUNTIES.	SWEET POTATOES.					TURNIPS AND OTHER ROOT CROPS.			TURN- NIPS.
	Acreage 1888 re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bu.	Price per bushel.	Value of crop.	Value of 1887 crop returned by As- sessors.	Value of 1888 crop compared with 1887	Value of 1888 crop	
Adams.....	86	100	8,600	\$0.50	\$4,300	\$1,395	97	\$1,353	200
Alexander.....	35	137	4,795	45	2,158	250	135	337	300
Bond.....	3	67	201	61	123	187	131	245	55
Boone.....						200	100	300	*149
Brown.....						161	125	201	*149
Bureau.....	9	*97	873	*75	655	566	105	333	*149
Calhoun.....									
Carroll.....	2	*97	194	1.30	252	92	100	92	*149
Cass.....	231	100	23,100	72	16,632	10	100	10	125
Champaign.....	4	50	200	83	166	10	91	91	100
Christian.....	14	150	2,100	83	1,743	942	133	1,253	100
Clark.....						1,046	121	1,266	120
Clay.....	40	150	6,000	45	2,700	702	101	709	112
Clinton.....	4	100	400	50	200	32,891	200	67,782	200
Coles.....						1,267	130	1,647	142
Cook.....						39,735	100	39,735	100
Crawford.....						208	113	235	190
Cumberland.....	4	90	360	69	248	7,701	164	12,630	83
DeKalb.....						115	110	126	*149
DeWitt.....									
Douglas.....	53	100	5,300	75	3,975	882	150	1,323	100
DuPage.....						430	102	439	200
Edgar.....	46	75	3,450	1.00	3,450	681	95	647	200
Edwards.....						44	122	54	235
Effingham.....	4	175	700	50	350	794	90	715	168
Fayette.....	4	50	200	40	80	118	75	88	100
Ford.....						175	100	175	*149
Franklin.....	27	*97	2,619	*75	1,964	814	60	488	100
Fulton.....	7	40	280	1.15	322	1,394	95	1,324	75
Gallatin.....	30	80	2,400	62	1,488	2,671	100	2,671	*149
Greene.....	5	100	500	53	265	164	113	185	300
Grundy.....	2	*97	194	*75	145	1,300	*99	1,287	*149
Hamilton.....	1	95	95	45	43	32	62	20	117
Hancock.....	5	*97	485	50	242				
Hardin.....	6	*97	582	*75	436	25	100	25	50
Henderson.....	24	*97	2,328	*75	1,746	170	80	136	*149
Henry.....	5	125	625	1.25	781				
Iroquois.....	7	40	160	55	88	2,003	89	1,783	*149
Jackson.....	231	100	23,100	45	10,665	1,413	125	1,766	100
Jasper.....	10	108	1,080	51	551	795	127	1,010	83
Jefferson.....	29	*97	2,813	*75	2,110	795	*100	795	*149
Jersey.....	6	*97	582	40	233				
Jo Daviess.....						350	100	350	*149
Johnson.....	27	120	3,240	*75	2,430	70	117	82	150
Kane.....						2,025	67	1,357	*149
Kankakee.....									
Kendall.....									
Knox.....	6	90	540	1.05	567	427	92	393	102
Lake.....	3	*97	291	*75	218	3,325	120	3,990	160
LaSalle.....	3	*97	291	1.25	364	864	86	743	50
Lawrence.....	12	90	1,080	52	562	116,262	124	144,165	115
Lee.....	1	*97	97	75	73	1,050	105	1,102	*149

SWEET POTATOES, TURNIPS, ETC.—Continued.

COUNTIES.	SWEET POTATOES.					TURNIPS AND OTHER ROOT CROPS.			TURNIPS.
	Acreage 1888, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bu.	Price per bushel.	Value of crop.	Value of 1887 crop returned by As- sessors.	Value of 1888 crop compared with 1887	Value of 1888 crop	Average yield per acre in bushels.
Livingston.....	1	60	60	\$1 25	\$ 75				
Logan.....	34	90	3,060	81	2,479	\$ 332	110	\$ 365	105
Macon.....	7	100	790	70	490	1,521	125	1,901	*149
Macoupin.....	3	87	261	67	175	22	85	19	200
Madison.....	47	40	1,880	67	1,260	3,770	117	4,411	*149
Marion.....	17	*97	1,649	52	857	1,207	175	2,112	312
Marshall.....						30	107	32	*149
Mason.....	18	60	1,080	87	940				
Massac.....	52	127	6,604	*75	4,953	731	98	716	87
McDonough.....	51	93	4,743	1 05	4,980	3,029	100	3,029	125
McHenry.....						1,155	100	1,155	300
McLean.....	9	*97	873	1 00	873	1,501	100	1,501	*149
Menard.....	60	80	4,800	72	3,456	1,750	110	1,925	*149
Mercer.....	7	*97	679	90	611	175	110	192	50
Monroe.....	4	*97	388	*75	291	180	*93	167	*149
Montgomery.....	8	145	1,160	75	870	483	108	522	150
Morgan.....	126	100	12,600	90	11,340				
Moultrie.....	1	90	90	50	45	175	125	219	150
Ogle.....	6	*97	582	1 25	727	1,229	120	1,475	125
Peoria.....	7	*97	679	*75	509	1,237	125	1,546	*149
Perry.....	7	89	623	45	280	205	110	225	125
Piatt.....						1,354	110	1,489	80
Pike.....	10	*97	970	50	485	355	112	398	100
Pope.....	*17	125	2,125	*75	1,591	*2,368	75	1,776	125
Pulaski.....	345	82	28,290	40	11,316	11,707	62	7,258	100
Putnam.....						80	103	82	80
Randolph.....	32	145	4,640	*75	3,480	344	93	320	217
Richland.....	24	83	1,992	52	1,036	833	127	1,058	250
Rock Island.....	3	80	240	82	197	4,412	92	4,059	150
Saline.....	37	125	4,625	*75	3,469	753	125	941	125
Sangamon.....	29	*97	2,813	75	2,110	495	155	767	175
Schuyler.....	3	*97	291	75	218				
Scott.....	3	*97	291	1 00	291				
Shelby.....	100	134	13,400	77	10,318	718	180	1,292	212
Stark.....	3	150	450	1 50	675				
St. Clair.....	33	*97	3,201	*75	2,401	439	*126	553	*149
Stephenson.....						286	82	234	300
Tazewell.....	211	90	18,990	83	15,762	206	125	257	*149
Union.....	521	112	80,752	*75	60,564	718	115	826	145
Vermilion.....	6	50	300	1 00	300	1,658	93	984	50
Wabash.....	2	105	210	72	151				
Warren.....	3	*97	291	94	273	292	135	394	250
Washington.....	46	85	3,910	*75	2,932	418	95	397	87
Wayne.....									
White.....	27	85	2,295	50	1,147	273	170	464	125
Whiteside.....	14	*97	1,358	1 00	1,358	311	*104	323	*149
Will.....						323	100	323	300
Williamson.....	97	*97	9,409	*75	7,057	2,804	117	3,281	175
Winnebago.....	1	*97	97	*75	73	7,296	125	9,082	*149
Woodford.....						631	90	568	*149
Total or average.....	3,221	100	323,906	\$0 69	\$224,743	\$284,616	124	\$354,046	149

*Estimated.

†Estimated same as in 1887.

BUCKWHEAT AND BROOM CORN.

COUNTIES.	BUCKWHEAT.					BROOM CORN.				
	Acreage 1888, re- turned by As- sessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Acreage 1887, re- turned by As- sessors.	Average yield per acre in tons.	Total yield in tons.	Price per ton.	Value of crop.
Adams.....	10	*13	130	*\$0 67	\$87	15	*1½	7	*\$55	\$385
Alexander.....										
Bond.....	5	7	35	75	26	2	*1½	1	*55	55
Boone.....	58	20	1,160	75	870	47	*1½	23	*55	1,265
Brown.....										
Bureau.....	1	*13	13	* 67	9	40	*1½	20	*55	1,100
Calhoun.....										
Carroll.....	87	19	1,653	69	1,140					
Cass.....										
Champaign.....	1	15	15	75	11	180	*1½	90	*55	4,950
Christian.....						19	*1½	9	*55	495
Clark.....	69	27	1,863	46	857	212	*1½	106	62	6,572
Clay.....	46	11	506	57	288	108	*1½	54	*55	2,970
Clinton.....						25	1	12	*55	660
Coles.....						15,853	¾	3,964	60	237,840
Cook.....	8	16	128	70	90					
Crawford.....						32	¾	16	40	640
Cumberland.....	77	15	1,155	54	624	1,522	¾	507	59	29,913
DeKalb.....	42	*13	546	78	426					
DeWitt.....	1	*13	13	* 67	9	7	*1½	3	*55	165
Douglas.....	4	16	64	50	32	10,261	¾	2,565	65	166,725
DuPage.....	18	20	360	* 67	241					
Edgar.....	11	*13	143	* 67	96	2,090	¾	697	50	34,850
Edwards.....	4	*13	28	35	10					
Effingham.....	75	0	750	70	525	2	*1½	1	*55	55
Fayette.....	43	18	344	50	172	7	*1½	3	*55	165
Ford.....	2	*13	26	* 67	17					
Franklin.....	14	*13	182	* 67	122	21	*1½	10	*55	550
Fulton.....	18	*13	234	* 67	157					
Gallatin.....						2	*1½	1	*55	55
Greene.....										
Grundy.....	3	*13	39	* 67	26	10	*1½	5	*55	275
Hamilton.....						1	*1½	1	*55	55
Hancock.....	17	*13	221	70	155	3	*1½	1	*55	55
Hardin.....										
Henderson.....										
Henry.....	13	15	195	77	150	2,964	¾	2,223	47	104,481
Iroquois.....	78	*13	1,014	* 67	679	20	*1½	10	*55	550
Jackson.....						4	*1½	2	*55	110
Jasper.....	14	8	112	50	56	463	¾	154	60	9,240
Jefferson.....	18	*13	234	* 67	157					
Jersey.....	6	*13	78	* 67	52	10	*1½	5	*55	275
JoDaviess.....	77	12	924	57	527	13	*1½	6	*55	330
Johnson.....						4	¾	2	40	80
Kane.....	28	20	560	1 25	700					
Kankakee.....	74	12	888	80	710	15	*1½	7	*55	385
Kendall.....	16	13	208	75	156	10	*1½	5	*55	275
Knox.....	1	*13	13	65	845	745	¾	497	62	30,814
Lake.....	146	20	2,920	60	1,752	5	*1½	2	*55	110
LaSalle.....	1	*13	13	82	11					
Lawrence.....	125	17	2,125	52	1,105	110	¾	27	70	1,890
Lee.....	71	25	1,775	55	976	2	*1½	1	*55	55

BUCKWHEAT AND BROOM CORN—Continued.

COUNTIES.	BUCKWHEAT.					BROOMCORN.				
	Acreage 1888, re- turned by As- sessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Acreage 1887, re- turned by As- sessors.	Average yield per acre in tons.	Total yield in tons.	Price per ton.	Value of crop.
Livingston.....	2	9	18	\$ 0 62	\$11	9	$\frac{3}{4}$	1	*55	\$385
Logan.....	10	*13	130	* 67	87	27	$\frac{1}{2}$	13	*55	715
Macon.....						11	$\frac{1}{2}$	5	*55	275
Macoupin.....	15	15	225	1 00	225	9	$\frac{1}{2}$	4	*55	220
Madison.....										
Marion.....	100	14	1,400	60	840	22	$\frac{1}{2}$	11	*55	605
Marshall.....										
Mason.....										
Massac.....										
McDonough.....						1	$\frac{1}{2}$	1	*55	55
McHenry.....	135	35	4,725	60	2,835					
McLean.....						1	$\frac{1}{2}$	1	*55	55
Menard.....	30	*13	390	* 67	261					
Mercer.....	10	20	200	87	174	139	$\frac{1}{2}$	69	*55	3,795
Monroe.....	1	*13	13	* 67	9	1	$\frac{1}{2}$	1	*55	55
Montgomery.....	43	15	645	50	322	145	$\frac{1}{2}$	72	*55	3,960
Morgan.....										
Moultrie.....						2,909	$\frac{1}{3}$	970	50	48,500
Ogle.....	22	19	396	60	238					
Peoria.....	7	*13	91	* 67	61					
Perry.....	1	30	30	70	21					
Piatt.....	4	*13	52	* 67	35	147	$\frac{1}{2}$	73	*55	4,015
Pike.....	10	*13	130	* 67	87	6	$\frac{1}{2}$	3	*55	165
Pope.....										
Pulaski.....										
Putnam.....										
Randolph.....	10	*13	230	* 67	87	22	$\frac{1}{3}$	7	75	525
Richland.....	156	8	1,248	40	499	56	$\frac{3}{4}$	42	*55	2,310
Rock Island.....	18	30	540	1 25	675					
Saline.....	22	*13	286	* 67	192	2,669	$\frac{1}{2}$	1,334	*55	73,370
Sangamon.....						86	$\frac{1}{2}$	43	*55	2,365
Schuyler.....	3	*13	39	65	25	12	$\frac{1}{2}$	6	*55	330
Scott.....										
Shelby.....	17	12	204	80	163	333	$\frac{1}{2}$	166	40	6,640
Stark.....						14	$\frac{1}{2}$	7	*55	385
St. Clair.....	3	*13	39	* 67	26					
Stephenson.....	73	14	1,022	75	766	2	$\frac{1}{2}$	1	*55	55
Tazewell.....										
Union.....						4	$\frac{1}{2}$	2	*55	110
Vermilion.....	13	*13	269	* 67	113	75	$\frac{1}{2}$	37	*55	2,035
Wabash.....	14	15	210	55	115					
Warren.....						40	$\frac{1}{2}$	20	50	1,000
Washington.....	16	15	240	50	120					
Wayne.....	45	18	810	44	356	9	1	9	*55	495
White.....						222	$\frac{1}{2}$	111	*55	6,105
Whiteside.....	41	*13	533	* 67	357	5	$\frac{1}{2}$	2	*55	110
Will.....	28	*13	364	* 67	244					
Williamson.....	3	*13	39	* 67	26	1	$\frac{1}{2}$	1	*55	55
Winnebago.....	59	*13	767	* 67	514	5	$\frac{1}{2}$	2	*55	110
Woodford.....						1	$\frac{1}{2}$	1	*55	55
Total or average.....	2,193	16	35,752	\$0 65	\$23,350	41,807	$\frac{1}{3}$	14,058	\$57	\$797,245

*Estimated.

TOBACCO AND CASTOR BEANS.

[illegible]

TOBACCO AND CASTOR BEANS—Continued.

COUNTIES.	TOBACCO.					CASTOR BEANS.				
	Acreage 1888, re- turned by As- sessors.	Average yield per acre in pounds.	Total yield in pounds.	Price per pound.	Value of crop.	Acreage 1888, re- turned by As- sessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.
Livingston	13	*743	9,659	*07	\$676					
Logan										
Macon						16	*8	128	*1 25	160
Macoupin						131	*8	1,048	1 75	1,834
Madison						264	10	2,640	1 00	2,640
Marion										
Marshall										
Mason	76	*743	56,468	04	2,259					
Massac										
McDonough	5	*743	3,715	*07	260					
McHenry										
McLean										
Menard										
Mercer										
Monroe	1	*743	743	*07	52					
Montgomery										
Morgan										
Moultrie										
Ogle	15	*743	11,145	*07	780					
Peoria										
Perry						209	11	2,299	1 35	3,104
Piatt										
Pike										
Pope	*12	*743	8,916	*07	484					
Pulaski	88	*743	65,384	08	5,231	24	*8	192	*1 25	240
Putnam										
Randolph	13	*743	9,659	*07	676					
Richland	29	*743	21,547	08	1,724	561	6	3,366	1 35	4,544
Rock Island										
Saline										
Sangamon										
Schuyler										
Scott										
Shelby	3	400	1,200	10	120					
Stark										
St. Clair	1	*743	743	*07	52	377	*8	3,016	*1 25	3,770
Stephenson	59	400	23,600	08	1,888					
Tazewell										
Union	3	*743	2,229	*07	156					
Vermilion	1	*743	743	*07	52					
Wabash										
Warren										
Washington	2	*743	1,486	10	149	1,818	15	27,270	1 40	38,178
Wayne	38	850	32,300	04	1,292	213	9	1,917	1 25	2,396
White	14	1,000	14,000	06	840	61	*8	488	*1 25	610
Whiteside										
Will	78	*743	57,954	*07	4,057					
Williamson	918	650	596,700	04	23,868	102	12	1,224	1 40	1,714
Winnebago	20	*743	14,860	*07	1,040					
Woodford										
Total or average	4,107	800	3,287,017	\$0 04	\$133,576	10,981	7	78,813	\$1 30	\$103,303

*Estimated.

†Estimated same as in 1887.

BEANS, HUNGARIAN AND MILLET SEED.

COUNTIES.	BEANS.					HUNGARIAN AND MILLET.				
	Acreage 1888, re- turned by As- sessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Bushels produced in 1887, Assessors returns.	Bushels produced in 1888 compared with 1887.	Bushels produced in 1888.	Price per bushel.	Value of crop.
Adams	68	*15	1,020	*\$1 65	\$1,683					
Alexander	29	*15	300	1 35	405	25	90	22	*70	\$15
Bond	12	5	60	1 40	84	19	90	17	53	9
Boone	8	*15	120	3 00	360	68	100	68	*70	48
Brown	12	*15	30	2 00	60					
Bureau	1	*15	15	*1 65	25	200	100	200	*70	140
Calhoun										
Carroll	4	*15	60	1 00	60	326	100	326	1 00	326
Cass										
Champaign	151	10	1,510	3 00	4,530	140	100	140	50	70
Christian										
Clark	98	6	588	1 85	1,088	124	102	126	60	76
Clay	114	19	2,166	1 30	2,816					
Clinton	20	12	240	1 50	360	20	100	20	40	8
Coles	1	20	20	1 85	37	93	104	97	45	44
Cook	21	15	315	1 75	551	2,498	105	2,623	75	1,967
Crawford	30	17	510	1 55	790	112	67	75	50	37
Cumberland	61	31	1,891	1 35	2,553					
DeKalb	1	*15	15	1 00	15	469	120	563	*70	394
DeWitt						100	100	100	*70	70
Douglas						549	100	549	45	247
DuPage						29	112	32	*70	22
Edgar	44	*15	660	1 90	1,254	19	104	20	87	17
Edwards	13	6	78	1 70	133	56	105	59	*70	41
Effingham	81	15	1,215	1 75	2,126					
Fayette	41	10	410	*1 65	676					
Ford	14	*15	210	*1 65	346	375	100	375	50	187
Franklin	63	6	378	1 25	472	1	*103	1	*70	1
Fulton	7	*15	105	2 00	210	42	*103	43	*70	30
Gallatin						446	106	446	*70	312
Greene	10	*15	150	*1 65	247					
Grundy	3	*15	45	*1 65	74					
Hamilton	25	29	500	*1 65	825					
Hancock	3	*15	45	1 75	79	85	75	64	40	26
Hardin						8	*103	8	*70	6
Henderson										
Henry	6	10	60	2 50	150	257	95	244	90	220
Iroquois	7	*15	105	*1 65	173	10,690	107	11,438	42	4,804
Jackson	10	*15	150	1 25	187	2	*103	2	*70	1
Jasper	63	9	567	1 45	802					
Jefferson	272	*15	4,080	*1 65	6,732	38	*103	39	*70	27
Jersey										
Jo Daviess	7	*15	105	*1 65	173					
Johnson	9	15	135	1 50	202					
Kane						55	*103	57	*70	40
Kankakee	4	*15	60	*1 65	99	3,352	103	3,452	*70	2,416
Kendall	2	10	20	*1 65	33	776	150	1,164	45	524
Knox						411	105	430	1 50	645
Lake	16	*15	240	*1 65	396	365	95	350	45	157
LaSalle						1,071	125	1,339	55	736
Lawrence	49	9	441	1 60	706	1	131	1	1 00	1
Lee						790	60	474	*70	332

BEANS, HUNGARIAN AND MILLET SEED—Continued.

COUNTIES.	BEANS.					HUNGARIAN AND MILLET.				
	Acreage 1888, re- turned by As- sessors.	Average yield per acre in bushels	Total yield in bushels.	Price per bushel.	Value of crop.	Bushels produced in 1887, Assessors returns.	Bushels produced in 1888, compared with 1887.	Bushels produced in 1888.	Price per bushel.	Value of crop.
Livingston	2	15	30	2 00	60	4,169	60	2,507	55	1,375
Logan	23	*15	45	2 00	90					
Macon	2	*15	30	*1 65	49					
Macoupin	2	*15	30	1 75	52					
Madison						790	150	1,185	42	498
Marion	219	20	4,380	1 25	5,475	6	100	6	52	3
Marshall						250	90	225	1 90	427
Mason										
Massac	8	*15	120	1 80	216					
McDonough										
McHenry	1	30	30	1 35	40	381	100	381	60	229
McLean	1	*15	15	*1 65	25	126	*103	130	*70	91
Menard						75	100	75	60	45
Mercer	1	*15	15	2 00	30	150	100	150	*70	105
Monroe										
Montgomery	5	*15	75	1 00	75	5	100	5	75	4
Morgan										
Moultrie	2	*15	30	*1 65	49	200	109	200	75	150
Ogle	19	20	380	1 50	570	148	105	155	*70	108
Peoria						105	125	131	75	98
Perry	1	20	20	*1 65	33					
Piatt	1	*15	15	*1 65	25	227	100	227	*70	159
Pike	4	*15	60	*1 65	90	2	100	2	50	1
Pope	*3	*15	45	1 25	56					
Pulaski	118	*15	1,770	1 25	2,212					
Putnam										
Randolph	80	*15	1,200	1 85	2,220	57	13	74	50	37
Richland	139	11	1,529	1 10	1,682	7,995	105	8,395	*70	5,876
Rock Island	4	*15	60	*1 65	99	2	100	2	*70	1
Saline	24	*15	360	1 50	540					
Sangamon	1	*15	15	*1 65	25	30	*103	31	*70	22
Schuyler	4	*15	60	1 00	60	28	110	31	*70	22
Scott										
Shelby	37	12	444	1 85	821					
Stark						222	100	222	*70	155
St. Clair	43	*15	645	*1 65	1,064	9	*103	9	*70	6
Stephenson						569	*103	586	*70	410
Tazewell	2	*15	30	2 00	60	126	103	130	1 00	130
Union	2	*15	30	*1 65	49					
Vermilion	17	*15	255	*1 65	421	624	91	568	75	426
Wabash	3	17	51	1 65	249					
Warren	5	*15	75	1 75	131	358	100	358	1 20	430
Washington	42	15	630	1 80	1,134					
Wayne	102	9	918	1 40	1,285					
White	74	*15	1,110	*1 65	1,831	35	*103	36	*70	25
Whiteside	10	*15	150	*1 65	247	1,588	100	1,588	*70	1,112
Will	5	*15	75	*1 65	124	8,483	150	12,724	*70	8,907
Williamson	66	15	990	1 75	1,732	40	97	39	78	30
Winnebago	19	*15	285	1 00	285	212	1 7	227	1 00	227
Woodford	2	*15	30	*1 65	49	2	100	2	50	1
Total or average	2,434	14	34,651	\$1 60	\$54,776	50,661	109	55,388	\$0 63	\$35,126

*Estimated.

†Estimated same as in 1887.

TIMOTHY AND CLOVER SEED.

COUNTIES.	TIMOTHY SEED.					CLOVER SEED.				
	Bushels produced in 1887, Assessors returns.	Bushels produced in 1888, compared with 1887.	Bushels produced in 1888	Price per bushel.	Value of product.	Bushels produced in 1887, Assessors returns.	Bushels produced in 1888, compared with 1887.	Bushels produced in 1888.	Price per bushel.	Value of product.
Adams.....	1,028	103	1,059	\$2 00	\$2,118	10,781	100	10,781	\$5 00	\$53,905
Alexander.....						237	70	166	4 75	788
Bond.....	265	99	263	1 95	513	107	84	90	4 25	382
Boone.....	284	100	284	2 10	596	195	77	150	4 75	712
Brown.....	265	110	291	1 50	436	7,677	62	4,760	5 00	23,800
Bureau.....	3,720	127	4,724	1 70	8,031	494	87	430	4 60	1,978
Calhoun.....						528	*67	354	4 50	1,593
Carroll.....	472	109	514	1 40	720	817	110	899	4 75	4,270
Cass.....	155	*109	169	1 50	253					
Champaign.....	3,280	137	4,494	1 55	6,966	945	100	945	4 75	4,489
Christian.....	2,176	130	2,829	1 55	4,385	634	30	190	4 50	855
Clark.....	1,188	92	1,093	2 10	2,305	475	87	413	4 40	1,817
Clay.....	9,917	84	8,390	1 85	15,410	98	75	73	5 00	365
Clinton.....	575	112	644	1 50	966	1,393	200	2,786	4 75	13,233
Coles.....	1,154	102	1,177	2 05	2,413	923	60	554	5 00	2,770
Cook.....	134	100	134	1 50	201					
Crawford.....	1,144	93	1,064	1 90	2,022	794	92	730	4 30	3,139
Cumberland.....	1,203	106	1,275	1 70	2,167	124	100	124	4 35	539
DeKalb.....	1,765	10*	1,906	1 45	2,764	477	57	272	4 40	1,197
DeWitt.....	474	98	464	2 25	1,044	587	90	528	4 50	2,376
Douglas.....	1,927	50	963	1 35	1,300	986	20	197	4 75	936
DuPage.....	81	110	89	1 75	157	22	105	23	5 00	115
Edgar.....	1,925	75	1,444	2 50	3,610	609	90	548	5 00	2,740
Edwards.....	2,071	83	1,719	2 00	3,438	2,383	58	1,382	4 15	5,735
Efingham.....	1,662	121	2,011	2 00	4,022	42	100	42	3 25	136
Fayette.....	926	112	1,037	1 25	1,296	174	112	195	4 50	877
Ford.....	3,765	95	3,577	1 40	5,008	2,457	40	983	5 00	4,915
Franklin.....	36	62	22	2 20	48	361	67	242	4 00	968
Fulton.....	2,585	104	2,688	1 75	4,704	17,704	60	10,622	4 20	44,612
Gallatin.....	60	100	60	2 00	120	3,980	62	2,468	4 25	10,489
Greene.....	551	88	485	*1 80	873	1,568	85	1,333	4 75	6,332
Grundy.....	197	*116	228	*1 45	331					
Hamilton.....	1,607	100	1,607	2 00	3,214	850	67	569	4 00	2,276
Hancock.....	1,583	119	1,884	1 45	2,732	2,860	57	1,630	5 00	8,150
Hardin.....	10	*90	9	*2 05	18	277	90	240	4 00	996
Henderson.....	124	100	124	2 25	279	87	*84	72	4 50	324
Henry.....	454	138	626	1 70	1,064	599	102	611	5 75	3,513
Iroquois.....	5,361	99	5,307	1 45	7,695	432	80	346	4 50	1,557
Jackson.....	211	*90	190	1 75	332	1,098	80	878	4 50	3,95
Jasper.....	1,860	111	2,065	1 60	3,304	54	94	32	4 25	13
Jefferson.....	787	*83	653	*1 80	1,175	236	*78	184	*4 40	810
Jersey.....	87	*95	83	*1 70	141	1,637	25	409	5 00	2,045
JoDavies.....	263	120	316	1 25	395	195	62	121	4 75	575
Johnson.....						2,509	97	2,434	4 50	10,953
Kane.....	63	55	35	1 50	52	120	90	108	4 50	486
Kankakee.....	2,118	102	2,160	1 40	3,024	491	60	295	5 00	1,475
Kendall.....	151	145	219	1 25	274	255	140	357	3 40	1,214
Knox.....	665	138	918	1 70	1,561	3,665	75	2,749	3 60	9,896
Lake.....	369	105	387	2 30	890	209	87	182	5 00	910
LaSalle.....	2,185	102	2,229	1 25	2,786	736	100	736	4 50	3,31
Lawrence.....	2,311	79	1,826	1 85	3,378	3,817	91	3,473	4 50	15,62
Lee.....	16,648	108	17,980	1 45	26,071	2,267	70	1,587	4 50	7,148

TIMOTHY AND CLOVER SEED—Continued.

COUNTIES.	TIMOTHY SEED.					CLOVER SEED.				
	Bushels produced in 1887, Assessors' returns.	Bushels produced in 1888, compared with 1887.	Bushels produced in 1888.	Price per bushel.	Value of product.	Bushels produced in 1887, Assessors' returns.	Bushels produced in 1888, compared with 1887.	Bushels produced in 1888.	Price per bushel.	Value of product.
Livingston	5,582	80	4,466	\$1 70	\$7,592	756	75	567	\$4 75	\$2,693
Logan	109	115	125	1 75	219	383	102	391	5 25	2,053
Macon	262	117	306	2 00	612	989	75	742	5 00	3,710
Macoupin	1,627	105	1,708	1 65	2,818	10,662	72	7,677	4 50	34,546
Madison	128	93	119	1 70	202	3,182	90	2,864	4 75	13,604
Marion	4,131	62	2,561	1 90	4,866	36	70	25	4 30	107
Marshall	808	97	781	1 85	1,450	775	78	604	6 40	3,866
Mason	14	118	16	1 25	20	53	60	35	4 50	157
Massac						872	95	828	4 00	3,312
McDonough	1,434	106	1,520	1 85	2,812	3,397	76	2,582	4 00	10,328
McHenry	918	125	1,147	*1 75	2,007	209	100	209	*4 65	972
McLean	2,128	102	2,170	1 75	3,797	3,702	41	1,518	5 00	7,500
Menard	90	97	87	2 05	178	60	70	42	5 00	210
Mercer	580	130	754	1 75	1,319	60	105	63	4 50	283
Monroe						1,257	80	1,006	*4 30	4,326
Montgomery	809	96	777	1 70	1,321	711	54	526	4 50	2,367
Morgan	847	110	932	2 00	1,864	955	100	955	4 75	4,536
Moultrie	170	100	170	3 00	510	598	100	598	4 00	2,392
Ogle	2,034	110	2,237	1 50	3,355	1,454	100	1,454	*4 60	6,688
Peoria	288	115	331	2 10	695	3,429	*70	2,400	5 10	12,240
Perry	1	97	1	1 75	2	145	90	130	4 35	555
Piatt	688	90	619	1 30	805	3,553	20	711	3 00	2,133
Pike	1,021	73	745	1 85	1,378	5,066	92	4,661	4 25	19,809
Pope	12,457	80	1,966	2 10	4,129					
Pulaski						414	75	310	3 50	1,085
Putnam						354	73	258	4 75	1,235
Randolph	16	100	16	1 35	22	2,778	95	2,639	3 85	10,161
Richland	2,084	86	1,792	1 50	2,688	568	75	426	4 35	1,853
Rock Island	199	97	193	1 75	338	28	100	28	4 00	112
Saline	35	*107	37	*2 15	79	2,874	77	2,213	4 50	9,958
Sangamon	3,389	95	3,219	2 10	6,760	1,405	50	702	4 50	3,159
Schuyler	1,267	125	1,584	*1 60	2,534	8,776	50	4,388	5 00	21,940
Scott	8	*90	7	1 75	12					
Shelby	1,233	101	1,245	2 00	2,490	1,189	54	642	5 05	3,242
Stark	133	142	189	2 75	520	168	92	154	5 00	770
St. Clair	190	50	95	2 50	237	4 220	50	2,110	4 75	10,022
Stephenson	201	167	336	1 55	521	646	167	1,079	4 95	5,341
Tazewell	211	125	264	*1 65	436	3,677	60	2,206	5 00	11,030
Union						1,469	80	1,175	4 50	5,287
Vermilion	2,676	105	2,810	1 80	5,058	1,316	67	882	5 00	4,410
Wabash	387	82	317	1 90	602	5,700	92	5,244	4 60	24,122
Warren	100	177	177	2 10	372	302	100	302	5 15	1,555
Washington	19	85	16	1 35	22	4	87	3	5 00	15
Wayne	11,572	90	10,415	1 55	16,143	1,795	86	1,544	4 15	6,408
White	1,078	*96	1,035	2 00	2,070	10,792	33	3,561	4 90	17,449
Whiteside	979	85	832	1 65	1,373	635	25	159	5 00	795
Will	928	150	1,392	1 70	2,366	438	100	438	4 50	1,971
Williamson	51	102	52	2 65	138	863	55	475	4 85	2,304
Winnebago	271	112	303	2 05	621	300	87	261	4 50	1,174
Woodford	403	120	484	1 25	726	3,304	55	1,817	4 50	8,176
Total or average	135,398	99	134,006	\$1 70	\$221,651	176,269	70	122,906	\$4 60	\$563,412

*Estimated.

†Estimated same as in 1887.

GRAPES AND WINE.

COUNTIES.	GRAPES.					WINE.				
	Pounds produced in 1887, Assessors' returns.	Pounds produced in 1888, compared with 1887.	Pounds produced in 1888.	Pounds produced.	Value of product.	Gallons produced in 1887, Assessors' returns.	Gallons produced in 1888, compared with 1887.	Gallons produced in 1888.	Price per gallon.	Value of product.
Adams.....	69,300	80	55,440	\$0 04	\$2,218	4,004	*102	4,084	\$1 00	\$4,084
Alexander.....										
Bond.....	810	109	883	03	26	80	105	84	1 00	84
Boone.....	6,025	103	6,206	05	310					
Brown.....	26,910	110	29,601	02	592	74	*102	75	*1 00	75
Bureau.....	59,175	105	62,134	03	1,864	3,253	*102	3,318	*1 00	3,318
Calhoun.....										
Carroll.....	18,988	107	20,317	04	813	541	*102	552	*1 00	552
Cass.....	19,465	111	22,774	03	683	130	*102	133	1 00	133
Champaign.....	21,190	101	21,402	02	428	1,248	100	1,248	1 00	1,248
Christian.....	47,532	108	51,335	02	1,027	720	100	720	*1 00	720
Clark.....	6,560	110	7,216	04	289	266	100	266	1 80	479
Clay.....	2,469	100	2,460	03	74	130	*102	133	*1 00	133
Clinton.....	11,265	*96	10,814	03	324	1,920	*102	1,958	80	1,566
Coles.....	13,388	167	22,358	03	671					
Cook.....	54,468	92	50,110	03	1,503	196	*102	200	1 00	200
Crawford.....	4,100	90	3,630	03	111					
Cumberland.....	9,235	142	13,114	04	524					
DeKalb.....	550	103	566	04	23					
DeWitt.....	9,920	100	9,920	03	298					
Douglas.....	50,710	105	53,245	03	1,597	90	100	90	2 00	18
DuPage.....	23,600	92	21,712	03	651					
Edgar.....	28,885	105	31,329	02	606	23	*102	23	*1 00	23
Edwards.....	925	87	805	03	24	28	*102	28	*1 00	28
Effingham.....	5,255	*121	6,358	04	254	329	100	329	*1 00	329
Fayette.....	3,648	100	3,648	*03	109					
Ford.....	2,150	120	2,580	03	77	20	*102	20	*1 00	20
Franklin.....	1,935	*102	1,974	02	39					
Fulton.....	58,472	109	63,734	03	1,912	293	*102	299	*1 00	299
Gallatin.....	760	102	775	04	31					
Greene.....	17,935	102	18,294	04	732	40	100	40	50	20
Grundy.....	1,400	*116	1,624	*03	49					
Hamilton.....										
Hancock.....	194,855	*87	169,524	04	6,781	32,208	*102	32,852	*1 00	32,852
Hardin.....										
Henderson.....						540	*102	551	*1 00	551
Henry.....	16,155	134	21,648	02	433	400	*102	408	1 25	510
Iroquois.....	35,272	100	35,272	04	1,411	233	100	233	*1 00	233
Jackson.....						807	*102	823	*1 00	823
Jasper.....	1,645	110	1,809	05	90	695	103	716	1 00	716
Jefferson.....	4,052	*104	4,214	*03	126	2	*102	2	*1 00	2
Jersey.....	3,100	100	3,100	05	155	50	*102	51	*1 00	51
Jo Daviess.....	46,170	90	41,553	*05	2,077	4,402	*102	4,490	*1 00	4,490
Johnson.....						3	*102	3	*1 00	3
Kane.....	960	105	1,008	06	60					
Kankakee.....	12,335	127	15,663	03	470	473	100	473	*1 00	473
Kendall.....	7,566	140	10,592	05	318					
Knox.....										
Lake.....	21,125	102	21,547	01	431	557	*102	568	*1 00	568
LaSalle.....	42,230	113	47,720	04	1,909	475	*102	464	*1 00	464
Lawrence.....	19,350	111	21,478	03	644	1,636	*102	1,669	*1 00	1,669
Lee.....	16,685	90	15,016	05	450	471	*102	480	*1 00	480

CRAPES AND WINE—Continued.

COUNTIES.	GRAPES.					WINE.				
	Pounds produced in 1887, Assessors' returns.	Pounds produced in 1888, compared with 1887.	Pounds produced in 1888.	Pounds produced.	Value of product.	Gallons produced in 1887, Assessors' returns.	Gallons produced in 1888, compared with 1887.	Gallons produced in 1888.	Price per gallon.	Value of product.
Livingston.....	74,678	100	74,678	\$ 04	\$0 2,987	1,025	*102	1,045	\$*1 00	\$ 1,045
Logan.....	40,875	110	44,962	03	1,348	906	102	924	75	693
Macon.....	59,110	110	65,021	03	1,951	2,189	*102	2,233	*1 00	2,233
Macoupin.....	5,105	112	5,718	04	171					
Madison.....	19,700	82	16,154	03	484	6,172	80	4,936	60	2,962
Marion.....	660	113	746	03	22					
Marshall.....	28,865	85	24,535	03	736	315	110	316	1 70	588
Mason.....	1,569	112	1,757	03	53	215	*102	219	*1 00	219
Massac.....	741	100	741	05	37					
McDonough.....	69,325	77	53,320	03	1,601	1,060	105	1,113	1 50	1,669
McHenry.....	24,720	108	26,698	03	801	105	100	105	*1 00	105
McLean.....	71,626	105	75,207	03	2,256	1,360	*102	1,387	*1 00	1,387
Menard.....	200	80	160	03	5					
Mercer.....	46,350	123	57,010	02	1,140	3,150	*102	3,213	*1 00	3,213
Monroe.....	4,280	*88	3,766	05	188	7,848	*102	8,005	1 00	8,005
Montgomery.....	16,685	138	23,025	03	691	135	107	144	75	108
Morgan.....	500	92	460	03	14					
Moultrie.....	3,100	110	3,410	02	68					
Ogle.....	32,493	110	35,742	01	715					
Peoria.....	62,430	*102	63,679	05	3,184	3,810	*102	3,886	*1 00	3,886
Perry.....	56	107	53	03	1	2,000	110	2,200	1 00	2,200
Piatt.....	46,552	105	48,880	03	1,466	1,320	*102	1,346	*1 00	1,346
Pike.....	11,140	125	13,925	02	278	229	*102	233	*1 00	233
Pope.....	1450	100	450	04	18	1698	*102	712	*1 00	712
Pulaski.....	44,686	110	49,155	06	2,949	4,678	100	4,678	1 00	4,678
Putnam.....	1,000	102	1,020	03	31	4 5	110	445	75	334
Randolph.....	13,465	102	13,734	03	412	1,412	*102	1,440	*1 00	1,440
Richland.....	12,120	105	12,726	02	254	110	101	112	*1 00	112
Rock Island.....	157,120	91	152,406	03	4,572	2,790	77	2,148	1 00	2,148
Saline.....	1,760	100	1,760	*03	52					
Sangamon.....	23,136	110	25,450	02	509	1,700	*102	1,734	*1 00	1,734
Schuyler.....	10,688	100	10,688	04	427	60	*102	61	*1 00	61
Scott.....	93	125	122	02	2	200	100	200	*1 00	200
Shelby.....	19,710	157	30,915	03	928	288	127	366	85	311
Stark.....	2,000	101	2,020	04	81	70	*102	71	*1 00	71
St. Clair.....	38,625	75	28,969	03	870	7,965	*102	8,124	*50	4,062
Stephenson.....	5,925	90	5,332	06	320	438	*102	447	*1 00	447
Tazewell.....	23,736	110	26,103	04	1,044	1,661	125	2,076	60	1,246
Union.....	614	80	491	08	39					
Vermilion.....	99,502	127	126,367	04	5,055	237	100	237	*1 00	237
Wabash.....	1,905	115	2,191	03	60	40	*102	41	*1 00	41
Warren.....	23,395	131	30,413	03	912					
Washington.....	330	95	313	04	12	40	95	38	75	28
Wayne.....	7,295	101	7,368	03	321	2	102	2	1 25	2
White.....						80	*102	82	*1 00	82
Whiteside.....	47,235	120	56,682	03	1,700	10	*102	10	*1 00	10
Will.....	28,475	100	28,475	*03	84	1,792	100	1,792	*1 00	1,792
Williamson.....	1,160	97	1,125	07	79					
Winnebago.....	7,100	100	7,100	04	284	1,073	*102	1,094	*1 00	1,094
Woodford.....	7,320	100	7,320	03	220	2,617	*102	2,669	*1 00	2,669
Total or av....	2,198,114	103	2,273,996	\$0 03	\$75,322	116,522	101	117,297	\$0 95	\$110,617

*Estimated.

†Estimated same as in 1887.

APPLES AND PEACHES.

COUNTIES.	APPLES.					PEACHES.				
	Bushels produced in 1887, Assessors' returns.	Bushels produced in 1888, compared with 1887.	Bushels produced in 1888.	Price per bushel.	Value of product.	Bushels produced in 1887 Assessors returns.	Bushels produced in 1888 compared with 1887.	Bushels produced in 1888.	Price per bushel.	Value of product.
Adams	8,653	150	12,979	\$ 0 40	\$5,192					
Alexander	10,831	117	12,672	55	6,970	365	150	547	\$ 0 62	\$ 339
Bond	19,029	116	22,074	35	7,726	4	270	11	71	8
Boone	5,073	150	7,609	1 00	7,609					
Brown	2,995	225	6,739	25	1,685					
Bureau	23,433	138	32,337	50	16,168	523	*163	852	*70	596
Calhoun	9,690	150	14,535	20	2,907					
Carroll	3,094	117	3,620	69	2,498					
Cass	1,007	133	1,339	26	348					
Champaign	11,716	210	24,604	27	6,643					
Christian	24,217	327	79,189	43	34,951					
Clark	8,981	130	11,675	40	4,670					
Clay	40,111	77	30,885	38	11,736	255	107	273	75	205
Clinton	32,097	102	32,739	35	11,459	425	310	1,317	62	816
Coles	12,965	167	21,651	28	6,062	320	167	534	67	358
Cook	19,880	65	12,922	67	8,658					
Crawford	16,819	109	18,333	37	6,783	11	222	24	57	14
Cumberland	4,133	230	9,506	40	3,802	6	150	9	44	4
DeKalb	23,491	113	26,545	1 00	26,545					
DeWitt	2,399	167	4,006	37	1,482					
Douglas	10,993	223	24,734	30	7,420					
DuPage	15,300	110	16,830	92	15,484					
Edgar	11,468	167	19,151	37	7,086	10	144	14	1 25	17
Edwards	20,009	121	24,211	38	9,200	214	140	300	62	186
Effingham	23,621	80	18,897	30	5,669	145	189	274	75	205
Fayette	26,567	112	29,755	40	11,902	1	150	1	75	1
Ford	3,089	143	4,417	55	2,429					
Franklin	56,751	97	55,048	40	22,019	1,057	102	1,078	1 00	1,078
Fulton	6,830	147	10,040	40	4,016					
Gallatin	5,533	75	4,150	57	2,365	19	*163	31	62	19
Greene	10,859	237	25,736	29	7,463	4	127	5	1 00	5
Grundy	6,029	*104	6,270	*73	4,577					
Hamilton	35,430	103	36,493	47	17,152	4,139	140	5,795	40	2,318
Hancock	11,229	276	30,992	34	10,537					
Hardin	18,842	115	21,622	30	6,487	3,130	130	4,069	50	2,034
Henderson	1,680	125	2,111	50	1,055					
Henry	18,398	268	49,307	77	37,966					
Iroquois	11,640	121	14,084	59	8,309	6	*163	10	*70	7
Jackson	56,820	125	71,025	40	28,410	34,546	110	28,001	75	28,501
Jasper	19,117	115	21,984	47	10,332	1	150	1	50	1
Jefferson	57,941	125	72,426	30	21,728	1,629	125	2,036	1 00	2,036
Jersey	4,458	50	2,229	20	446					
Jo Daviess	6,103	125	7,629	77	5,877					
Johnson	40,731	120	48,877	40	19,551	6,115	109	6,665	37	2,466
Kane	11,097	100	11,097	87	9,654					
Kankakee	10,809	100	10,809	80	8,647					
Kendall	6,438	105	6,760	55	3,718					
Knox	6,185	187	11,566	64	7,400					
Lake	46,615	117	54,539	75	40,904					
LaSalle	24,315	155	37,688	81	30,527					
Lawrence	27,685	94	22,024	33	7,268	140	142	190	55	109
Lee	14,246	95	13,534	54	7,308					

APPLES AND PEACHES—CONTINUED.

COUNTIES.	APPLES.					PEACHES.				
	Bushels produced in 1887 Assessors' returns.	Bushels produced in 1888 compared with 1887	Bushels produced in 1888	Price per bushel.	Value of product.	Bushels produced in 1887 Assessors' returns.	Bushels produced in 1888 compared with 1887.	Bushels produced in 1888.	Price per bushel.	Value of product.
Livingston.....	16,056	85	13,649	\$ 0 60	\$8,189					
Logan.....	3,906	162	6,328	43	2,721					
Macon.....	12,069	*177	21,362	37	7,904					
Macoupin.....	10,432	225	23,472	37	8,685	1	200	2	\$ 150	\$ 3
Madison.....	60,639	92	55,788	43	23,999	208	13	270	97	262
Marion.....	58,218	110	64,040	34	21,774	9,547	327	31,219	35	10,927
Marsha.....	8,231	112	9,219	55	5,070					
Mason.....	1,877	194	3,641	29	1,056					
Massac.....	28,087	103	28,930	33	9,547	1,712	128	2,191	70	1,534
McDonough.....	3,005	169	5,078	45	2,285					
McHenry.....	10,404	142	14,774	67	9,897					
McLean.....	8,916	323	28,799	50	14,399	5	*163	8	*70	6
Menard.....	1,000	216	2,160	27	583					
Mercer.....	13,120	103	13,514	50	6,757					
Monroe.....	13,574	125	16,967	50	8,483	81	175	142	75	106
Montgomery.....	14,284	305	43,566	32	13,941	37	300	111	1 05	116
Morgan.....	7,668	150	11,512	40	4,601					
Moultrie.....	4,326	150	6,489	40	2,596	15	200	30	50	15
Ogle.....	11,551	130	15,016	50	7,508					
Peoria.....	3,643	140	5,100	62	3,162					
Perry.....	11,771	91	10,712	45	4,420	380	107	407	92	374
Piatt.....	10,636	120	12,763	40	5,105					
Pike.....	7,883	175	13,795	30	4,138	20	*163	33	*70	23
Pope.....	*39,610	73	28,915	30	8,674	*610	75	457	40	183
Pulaski.....	85,178	117	99,658	42	41,856					
Putnam.....	1,804	150	2,706	57	1,542					
Randolph.....	44,460	87	38,680	47	18,180	1,764	103	1,817	75	1,363
Richland.....	38,486	700	38,486	41	15,779	1,139	215	2,449	67	1,641
Rock Island.....	14,948	133	19,881	58	11,531	50	*163	81	*70	57
Saline.....	36,689	102	37,423	32	11,975	4,848	135	6,544	43	2,814
Sangamon.....	8,722	150	13,083	37	4,841					
Schuyler.....	1,995	200	5,985	25	1,496					
Scott.....	475	200	950	27	256					
Shelby.....	17,814	162	28,859	32	9,235	1,458	310	4,520	81	3,661
Stark.....	2,811	118	3,317	53	1,758					
St. Clair.....	55,649	50	27,824	40	11,130	75	100	75	*70	52
Stephenson.....	2,504	116	2,905	94	2,731					
Tazewell.....	3,579	150	5,368	38	2,039					
Union.....	101,633	117	118,911	40	47,564	23,586	115	27,124	*70	18,947
Vermilion.....	16,071	265	42,588	45	29,165	50	*163	81	1 00	81
Wabash.....	18,898	125	23,622	40	9,449	92	150	138	62	85
Warren.....	3,447	215	7,411	58	4,298					
Washington.....	43,858	83	36,402	53	19,293	1,056	98	1,035	35	362
Wayne.....	60,531	92	55,688	35	19,491	390	153	597	50	298
White.....	20,254	115	23,292	43	10,016	288	270	778	47	366
Whiteside.....	10,997	133	14,626	67	9,799					
Will.....	18,212	75	13,659	90	12,293					
Williamson.....	101,951	94	95,834	32	30,667	10,374	110	11,411	74	8,444
Winnebago.....	4,022	162	6,516	56	3,649					
Woodford.....	2,499	105	2,624	87	2,283					
Total or av....	1,985,804	120	2,393,870	\$ 0 45	\$1,074,099	110,851	138	153,566	\$ 0 61	\$ 93,083

*Estimated.

†Estimated same in 1887.

PEARS, OTHER FRUITS AND BERRIES.

COUNTIES.	PEARS.					OTHER FRUITS AND BERRIES		
	Bushels produced in 1887, Assessors' returns.	Bushels produced in 1888, compared with 1887.	Bushels produced in 1888.	Price per bushel.	Value of product.	Value of crop produced in 1887, Assessors' returns.	Value of crop of 1888, compared with 1887.	Value of crop of 1888.
Adams	25	107	27	\$2 17	\$58	\$18,669	110	\$20,536
Alexander	50	105	52	1 00	52			
Bond						500	*111	555
Boone						60	150	90
Brown						908	97	881
Bureau								
Calhoun						15	100	15
Carroll						930	100	930
Cass						751	100	751
Champaign						2,045	150	3,067
Christian						215	99	213
Clark						30	77	23
Clay	162	104	168	1 10	185	75	300	225
Clinton	151	77	116	87	101	366	78	285
Coles						2,050	75	1,537
Cook	30	*102	31	1 50	46	258	102	263
Crawford						18	242	43
Cumberland						20	100	20
DeKalb						750	260	1,950
DeWitt								
Douglas						95	92	87
DuPage	5	*102	5	*1 10	5	2,459	112	2,754
Edgar	500	112	560	1 50	840	192	100	192
Edwards						82	81	66
Effingham						62	100	62
Fayette						80	70	56
Ford								
Franklin	75	95	71	2 00	142	3,580	112	4,010
Fulton						36	97	35
Gallatin						886	113	1,001
Greene						2,710	*97	2,629
Grundy								
Hamilton								
Hancock	5	100	5	*1 10	5	3,115	133	4,143
Hardin								
Henderson								
Henry						1,250	105	1,312
Iroquois						1,012	98	992
Jackson	705	100	705	1 25	881	6,267	100	6,267
Jasper	1	105	1	67	1	15	103	15
Jefferson	88	*102	90	*1 10	99	431	*105	452
Jersey								
Jo Daviess						460	100	460
Johnson						50	100	50
Kane						714	100	714
Kankakee						750	96	720
Kendall						190	100	190
Knox						1,657	142	2,353
Lake						400	110	440
LaSalle						248	100	248
Lawrence	145	97	141	80	113			
Lee						1,510	*13	1,555

PEARS, OTHER FRUITS AND BERRIES—Continued.

COUNTIES.	PEARS.					OTHER FRUITS AND BERRIES		
	Bushels produced in 1887, Assessors' returns.	Bushels produced in 1888, compared with 1887.	Bushels produced in 1888.	Price per bushel.	Value of product	Value of crop produced in 1887, Assessors' returns.	Value of crop of 1888, compared with 1887	Value of crop of 1888.
Livingston						\$1,085	87	\$944
Logan						1,567	142	2,225
Macon						1,160	115	1,334
Macoupin						100	153	153
Madison	372	110	409	87	556	2,255	105	2,368
Marion	2	123	31	1 25	39	611	127	776
Marshall						1,400	91	1,274
Mason						1,179	112	1,320
Massac	10	90	9	75	7			
McDonough						922	100	922
McHenry						3,802	110	4,182
McLean						6,182	100	6,182
Menard						200	80	160
Mercer						393	125	491
Monroe						5	150	7
Montgomery						40	150	60
Morgan						380	93	353
Moultrie								
Ogle						1,374	110	1,456
Peoria						6,950	*112	7,784
Perry	377	91	343	78	267	20	95	19
Piatt								
Pike						580	125	725
Pope	452	100	52	*1 10	57	143	75	32
Pulaski						225	105	236
Putnam								
Randolph	581	97	563	90	507	228	93	212
Richland	47	120	56	89	50	226	95	215
Rock Island						3,819	83	3,170
Saline						70	107	96
Sangamon						2,387	107	2,554
Schuyler						950	100	950
Scott								
Shelby	10	128	13	87	11	501	150	751
Stark						50	110	53
St. Clair	741	100	741	1 00	741	1,487	100	1,487
Stephenson						20	157	31
Tazewell						5,612	117	6,566
Union						13,561	98	13,290
Vermilion	15	92	14	1 50	21	4,460	200	8,920
Wabash	15	87	13	1 15	15			
Warren						290	57	165
Washington	775	102	790	80	632	511	100	511
Wayne	116	98	114	83	95	40	100	40
White						525	125	655
Whiteside						2,780	110	3,058
Will						1,505	100	1,505
Williamson	252	100	252	82	207	130	95	123
Winnebago						6,876	125	8,595
Woodford						200	100	200
Total or average	5,330	101	5,372	\$1 00	\$5,533	\$132,582	112	\$148,340

*Estimated.

†Estimated same as in 1887.

DAIRY PRODUCTS.

COUNTIES.	BUTTER.					CHEESE.				
	Pounds sold in 1887, Assessors' returns.	Pounds sold in 1888 compared with 1887.	Pounds sold in 1888.	Price per pound.	Value of product.	Pounds sold in 1887, Assessors' returns.	Pounds sold in 1888 compared with 1887.	Pounds sold in 1888.	Price per pound.	Value of product.
Adams.....	22,061	92	19,376	\$0 17	\$3,294	2,185	80	1,748	\$*0 13	\$227
Alexander.....	4,025	105	4,226	18	761					
Bond.....	65,699	98	64,385	16	10,302	590	110	649	12	78
Boone.....	419,680	98	411,286	38	156,289	19,100	105	20,055	12	2,407
Brown.....	38,079	150	57,118	16	9,139	2,152	*99	2,130	*13	277
Bureau.....	402,257	102	410,302	20	82,060	164,561	100	164,561	15	24,684
Calhoun.....	8,150	*102	8,313	15	1,247					
Carroll.....	243,557	97	236,250	16	61,425	10,500	*99	10,395	15	1,559
Cass.....	36,227	95	34,416	20	6,883	1,990	*99	1,970	*13	256
Champaign.....	2-9,115	100	249,115	18	44,841	1,930	100	1,930	12	232
Christian.....	197,553	105	207,746	19	39,472	4,700	105	4,935	15	740
Clark.....	112,612	107	120,495	14	16,869					
Clay.....	77,843	100	77,843	14	10,898					
Clinton.....	53,064	137	72,698	16	11,632	1,060	200	2,120	10	212
Coles.....	60,085	97	58,282	20	11,656	1,200	87	1,044	12	125
Cook.....	439,843	102	448,640	27	121,133					
Crawford.....	31,193	111	34,624	15	5,194	100	85	85	13	11
Cumberland.....	21,282	95	23,068	16	3,691					
DeKalb.....	1,229,624	105	1,291,105	30	387,331	124,600	87	108,402	15	16,260
DeWitt.....	65,526	100	65,526	18	11,795					
Douglas.....	67,393	100	67,393	16	10,783					
DuPage.....	296,612	107	317,375	37	117,429	115,000	*98	112,700	10	11,270
Edgar.....	179,910	80	150,928	15	22,639	210	*99	20,790	15	3,118
Edwards.....	27,451	102	28,000	17	4,760	920	107	984	14	138
Effingham.....	62,571	106	66,325	15	9,949					
Fayette.....	81,962	87	71,280	15	10,692					
Ford.....	69,349	100	69,349	18	12,483					
Franklin.....	8,138	*101	8,219	15	1,233					
Fulton.....	287,500	105	301,875	17	51,309	12,127	*99	12,006	*13	1,561
Gallatin.....	11,882	100	11,882	20	2,376	200	*99	198	*13	26
Greene.....	72,780	105	76,419	20	15,284	2,000	100	2,000	15	300
Grundy.....	130,132	*99	128,831	*22	28,343	170,000	*99	168,300	*13	21,879
Hamilton.....	11,926	103	12,284	15	1,843					
Hancock.....	263,866	98	258,589	20	51,718	20	*99	20	12	2
Hardin.....	5,865	110	6,451	18	1,161					
Henderson.....	43,037	106	43,037	19	8,177	6,000	*99	5,940	15	891
Henry.....	397,692	106	421,553	19	80,095	50,450	110	55,495	14	7,769
Iroquois.....	721,537	96	692,675	20	138,535	1,720	97	1,668	10	167
Jackson.....	46,120	100	46,120	20	9,224					
Jasper.....	47,281	108	51,063	14	7,149	300	100	300	11	33
Jefferson.....	75,967	90	68,370	19	12,990	137	*99	136	*13	18
Jersey.....	50,445	*102	51,454	15	7,718					
JoDavies.....	602,528	87	524,199	22	115,324	1,727	*99	1,710	*13	222
Johnson.....	4,185	100	4,185	13	544					
Kane.....	325,276	92	299,254	35	104,739	37,200	75	27,900	12	3,348
Kankakee.....	381,191	106	404,062	24	96,975	6,800	70	1,960	13	255
Kendall.....	411,168	97	398,833	24	95,720					
Knox.....	250,792	105	263,332	21	55,300	32,858	95	31,215	12	3,746
Lake.....	669,513	102	682,903	36	245,845	10,700	100	10,700	11	1,177
LaSalle.....	623,167	104	648,094	23	149,062	100	100	100	12	12
Lawrence.....	71,771	110	78,948	14	11,053	5,000	*99	4,950	10	495
Lee.....	443,352	89	354,682	20	70,936	18,550	70	11,585	12	1,390

DAIRY PRODUCTS—Continued.

COUNTIES.	BUTTER.					CHEESE.				
	Pounds sold in 1887, Assessors' returns.	Pounds sold in 1888, compared with 1887.	Pounds sold in 1888.	Price per pound.	Value of product.	Pounds sold in 1887, Assessors' returns.	Pounds sold in 1888, compared with 1887.	Pounds sold in 1888.	Price per pound.	Value of product.
Livingston	610,235	87	530,904	\$ 0 17	\$90,254	1,700	100	1,700	\$0 15	\$255
Logan.....	124,702	105	130,937	19	24,878	3,600	*99	2,664	*13	346
Macon.....	191,506	100	191,506	21	40,216	.....	.....	.....	.....	.....
Macoupin...	140,624	100	140,624	15	21,094	260	100	260	15	39
Madison...	395,712	100	395,712	20	79,142	8,840	100	8,840	08	707
Marion.....	68,457	85	58,188	12	6,982	12	72	7	10	1
Marshall...	122,214	95	116,103	19	22,059	101,558	72	73,122	15	10,968
Mason.....	688,913	100	688,913	18	124,004	116	100	116	*13	15
Massac.....	28,022	112	31,385	17	5,335	.....	.....	.....	.....	.....
McDono'gh	93,117	117	108,947	17	18,520	.....	.....	.....	.....	.....
McHenry...	1,149,067	93	1,048,632	41	438,139	727,166	100	727,166	11	79,988
McLean.....	338,510	100	338,510	18	60,932	3,553	*99	3,519	*13	457
Menard.....	82,150	92	75,578	18	13,604	160	100	160	15	24
Mercer.....	31,118	100	31,118	19	5,912	550	100	550	13	71
Monroe.....	70,889	105	74,433	20	14,887	150	*99	148	*13	19
Montgomery	149,979	105	22,497	17	3,824	450	100	450	*13	58
Morgan.....	99,405	105	104,375	22	22,962	1,460	*99	1,445	10	144
Moultrie...	54,021	100	54,021	15	8,103	250	*99	247	*13	32
Ogle.....	688,163	95	653,755	20	130,751	1,680	100	1,680	13	218
Peoria.....	220,694	100	220,694	22	48,553	162,896	100	162,896	12	19,547
Perry.....	27,467	102	28,016	22	6,163	922	100	922	*13	120
Piatt.....	41,184	100	41,181	12	4,942	20	100	20	10	2
Pike.....	125,698	100	125,698	16	20,112	850	*99	841	*13	109
Pope.....	*14,209	112	15,914	15	2,387	630	*99	30	*13	4
Pulaski.....	19,949	100	19,949	20	3,990	1,826	100	1,826	16	292
Putnam.....	62,83	103	64,715	19	12,296	.....	.....	.....	.....	.....
Randolph...	50,136	110	55,150	18	9,927	4,974	100	4,974	13	647
Richland...	62,520	102	63,770	14	8,928	5,871	*99	5,812	09	523
Rock Island	355,431	101	358,985	21	75,387	.....	.....	.....	.....	.....
Saline.....	25,988	100	25,988	15	3,898	50	*99	49	*13	6
Sangamon...	195,348	105	205,115	22	45,125	.....	.....	.....	.....	.....
Schuyler...	98,303	110	108,133	20	21,627	20	*99	20	*13	3
Scott.....	18,073	120	21,688	20	4,337	25	100	25	15	4
Shelby.....	159,946	104	166,344	14	23,288	675	90	607	13	79
Stark.....	92,453	107	94,925	20	19,785	4,000	105	4,200	13	546
St. Clair...	423,198	120	507,838	20	101,568	77,826	110	85,609	*13	11,129
Stephenson	714,478	103	735,912	20	147,182	5,221	100	5,221	12	626
Tazewell...	226,407	103	227,019	19	43,134	9,975	110	10,972	11	1,207
Union.....	37,397	105	39,267	18	7,068	550	*99	541	*13	71
Vermilion...	169,392	102	172,780	15	25,917	35	100	35	19	7
Wabash.....	26,954	97	26,145	19	4,967	.....	.....	.....	.....	.....
Warren.....	131,958	105	134,556	16	22,169	1,440	105	1,512	15	227
Washington	66,652	105	69,985	19	13,297	1,422	100	1,422	20	284
Wayne.....	32,942	102	33,601	14	4,704	30	100	30	12	4
White.....	31,964	100	21,964	16	5,114	200	100	200	20	40
Whiteside...	746,380	105	783,699	26	203,762	.....	.....	.....	.....	.....
Will.....	840,629	100	840,629	21	176,532	.....	.....	.....	.....	.....
Williamson	21,011	112	23,532	17	4,000	607	105	637	15	95
Winnebago...	850,398	105	892,918	27	241,088	148,968	105	156,416	12	18,770
Woodford...	116,815	90	105,133	18	18,924	6,625	*99	6,559	16	1,049
Total or av.	21,649,739	100	21,568,159	\$0 23	\$5,009,069	2,093,252	99	2,064,134	\$0 12	\$253,618

*Estimated.

†Estimated same as in 1887.

DAIRY PRODUCTS.

COUNTIES.	MILK.					CREAM.				
	Gallons sold in 1887. Assessors' returns.	Gallons sold in 1888, compared with 1887.	Gallons sold in 1888.	Price per gallon.	Value of product.	Gallons sold in 1887. Assessors' returns.	Gallons sold in 1888, compared with 1887.	Gallons sold in 1888.	Price per gallon.	Value of product.
Adams	92,077	100	92,077	\$0 20	\$18,415	17,136	*117	20,049	\$0 40	\$8,020
Alexander..	454	100	454	20	91					
Bond.....	186,168	119	221,540	12	26,585	9,719	107	10,399	*50	5,200
Boone.....	2,222,557	107	2,378,136	*15	356,720	50,273	75	37,705	*50	18,852
Brown.....	1,214	100	1,214	20	243	10,801	150	16,201	*50	8,101
Bureau....	27,081	100	27,081	20	5,416	32,747	107	35,039	*50	17,520
Calhoun....										
Carroll....	47,075	75	35,306	*25	8,826	112,174	100	112,174	40	44,870
Cass.....	8,240	*100	8,240	25	2,060	155	*117	181	*50	91
Champaign	26,625	100	26,625	15	3,994	15,017	100	15,017	*50	7,708
Christian...	35,783	110	39,361	20	7,872	4,860	112	5,443	*50	2,722
Cark.....	4,700	100	4,700	15	705					
Clay.....	11,985	200	11,985	20	2,397					
Clinton....	129,380	147	190,189	16	30,430	38,943	155	60,332	48	28,974
Coles.....	38,180	100	38,180	*19	7,254	1,823	100	1,823	*50	912
Cook.....	9,254,271	113	10,457,326	11	1,150,306	6,919	100	6,919	67	4,636
Crawford..	200	95	190	19	38	50	87	43	50	22
Cumberland	615	130	799	27	216	3,344	120	4,013	60	2,408
DeKalb....	1,691,075	113	1,910,915	16	305,746	764,144	98	748,861	*50	374,431
DeWitt....	22,445	100	22,445	20	4,489	5,175	100	5,175	40	2,070
Douglas...	316	*102	322	20	64	810	*96	778	*50	389
DuPage....	7,952,259	110	8,747,485	13	1,137,173	1,260	102	1,285	50	642
Edgar.....	18,922	115	21,760	12	2,611	320	100	320	40	128
Edwards...	64,891	110	71,380	13	9,279	180	110	198	75	148
Effingham	8,867	100	8,867	20	1,773	40	100	40	*50	20
Fayette....	39,477	*111	43,819	*17	7,449	3,390	*112	3,797	*50	1,899
Ford.....	6,504	*103	6,699	*17	1,139	61,177	200	122,354	*50	61,177
Franklin...	177	*107	189	*14	26	65	*104	68	*50	34
Fulton....	17,395	110	19,134	22	4,209	32,978	91	30,010	80	24,068
Gallatin...	1,740	*98	1,705	*15	256					
Greene....	1,290	110	1,419	15	213	28,793	95	27,353	40	10,941
Grundy....	39,000	*106	41,340	*16	6,614	30,474	*103	31,388	*50	15,694
Hamil on..	814	97	789	15	118	41	97	40	*50	20
Hancock...	875	102	892	10	89	22,442	87	19,524	30	5,857
Hardin....										
Henderson	200	*103	206	20	41	2,637	103	2,637	40	1,055
Henry.....	146,820	104	152,693	14	21,377	64,202	103	66,128	60	39,677
Hoquolis...	158,476	98	155,306	15	23,296	96,584	102	98,516	35	34,481
Jackson...	20,570	*108	22,216	11	2,444	4,540	*104	4,722	*50	2,361
Jasper....						400	150	600	*50	300
Jefferson...	236	*103	243	*14	34	450	105	472	*50	236
Jersey....	35,470	*121	42,919	*15	6,437	36,321	*104	37,774	*50	18,887
JoDavies...	3,105	85	2,639	*27	713	16,479	85	14,007	*50	7,003
Johnson...	100	*102	102	*18	18					
Kane.....	15,213,264	98	14,908,999	13	1,938,170	41,289	90	37,160	67	24,897
Kankakee..	317,976	112	356,133	*15	53,420	61,549	85	52,317	*50	26,158
Kendall...	833,476	110	916,824	12	110,019	9,945	120	11,886	*50	5,943
Knox.....	448,581	108	484,467	11	53,291	21,362	95	20,294	47	9,538
Lake.....	3,734,812	105	3,921,553	19	745,095	55,461	*96	53,242	*50	26,621
LaSalle...	414,180	100	414,180	22	91,120	43,650	110	48,015	54	25,928
Lawrence.	15,548	90	13,993	22	3,078					
Lee.....	7,164	100	7,164	18	1,289	226,635	105	237,967	38	78,529

DAIRY PRODUCTS—Continued.

COUNTIES.	MILK.					CREAM.				
	Gallons sold in 1887, Assessors' returns.	Gallons sold in 1888, compared with 1887.	Gallons sold in 1888.	Price per gallon.	Value of product.	Gallons sold in 1887, Assessors' returns.	Gallons sold in 1888, compared with 1887.	Gallons sold in 1888.	Price per gallon.	Value of product.
Livingston	48,307	110	53,138	\$0 13	\$6,908	94,912	100	94,912	\$0 40	\$37,965
Logan	56,105	*101	56,666	20	11,333	26,875	*99	26,606	*50	13,303
Macon	68,875	*104	71,630	*20	14,326	9,404	*102	9,592	*50	4,796
Macoupin	476,605	100	476,605	12	57,193	13,021	100	13,021	52	6,771
Madison	1,401,465	153	2,144,341	15	321,651	25,629	116	29,730	80	23,784
Marion	23,466	90	21,119	15	3,168	3,620	95	3,439	*50	1,719
Marshall	31,461	106	33,348	25	8,337	20	98	20	*50	10
Mason	2,129	100	2,129	25	532					
Massac										
McDonough	4,400	103	4,532	11	498	10,177	103	10,432	35	3,669
McHenry	10,859,626	110	11,945,589	12	1,433,471	44,492	92	40,933	*50	20,466
McLean	320	*103	330	20	66	92,996	80	74,397	*50	37,199
Menard	18,340	100	18,340	25	4,585	450	100	450	*50	225
Mercer	2,000	100	2,000	*15	300	43,807	115	50,378	*50	25,189
Monroe	22,913	*115	26,350	20	5,279					
Montgomery	11,497	112	12,877	*16	2,060	23,296	105	24,461	*50	12,231
Morgan	35,975	100	35,975	*18	6,475	5,461	105	5,524	*50	2,762
Moutrie	3	*103	3	*20	1	6,990	*99	6,920	*50	3,460
Ogle	269,435	100	269,435	20	53,887	327,765	100	327,765	*50	163,882
Peoria	373,106	100	373,106	16	59,697	32,920	100	32,920	*50	16,460
Perry	22,904	114	26,110	10	2,611	1,970	108	2,128	37	787
Piatt	955	100	955	*19	181	16,847	90	15,162	*50	7,581
Pike	20,283	*102	20,689	*19	3,931	19,537	*113	22,077	*50	11,039
Pope						+112	*105	118	*50	59
Pulaski										
Putnam	900	100	900	20	180					
Randolph	1,433,890	110	1,577,279	10	157,788					
Richland	9,875	*99	9,776	20	1,955	100	*112	112	*50	56
Rock Island	213,800	100	213,800	18	38,484	18,443	98	18,074	60	10,844
Saline	3,965	*102	4,044	*16	647	250	*102	255	*50	127
Sangamon	49,741	*103	51,233	*19	9,734	13,346	*105	14,013	*50	7,007
Schuyler	11,375	100	11,375	15	1,706	19,733	115	22,693	*50	11,347
Scott	400	100	400	*17	68	1,110	100	1,110	*50	555
Shelby	431	110	474	20	95	14,748	109	16,075	52	8,359
Stark	29,650	115	34,097	20	6,819	810	92	745	40	298
St. Clair	258,175	120	309,810	10	30,981	10,798	110	11,878	*50	5,939
Stephenson	219,114	107	234,452	30	70,336	87,493	92	80,493	57	45,881
Tazewell	45,945	105	48,242	20	9,618	4,465	105	4,688	75	3,516
Union	20,600	99	2,394	*15	3,059	7,741	100	7,741	*50	3,870
Vermilion	54,417	95	51,696	20	10,339	6,607	92	6,078	*50	3,039
Wabash	65	*100	65	16	10					
Warren	20,585	107	22,026	12	2,643	10,781	105	11,320	45	5,094
Washington	103,247	110	113,572	12	13,629	9,685	103	9,975	*50	4,987
Wayne	8	100	8	20	2	1,243	100	1,243	*50	622
White	3,850	100	3,850	*16	616	75	100	75	*50	37
Whiteside	68,896	100	68,896	*19	13,090	299,057	105	314,010	*50	157,005
Will	1,645,002	100	1,645,002	*13	213,850	31,430	100	31,430	*50	15,715
Williamson	210	110	231	20	46	2	105	2	*50	1
Winnebago	1,310,088	102	1,336,290	12	160,355	65,325	100	65,325	*50	32,662
Woodford	45	104	47	*19	9	7,672	*99	7,595	*50	3,797
Total or av	62,557,073	107	67,185,426	\$0 13	\$8,895,166	3,347,729	102	3,418,261	\$0 49	\$1,663,023

*Estimated.

†Estimated same as in 1887.

BEEF CATTLE AND DAIRY COWS.

COUNTIES.	BEEF CATTLE.						DAIRY COWS.					
	Number of cattle assessed May, 1888.	*Number marketed 1888.	Average live weight, lbs.	Total live weight, lbs	Average value per cwt., live weight.	Total value.	Supply on hand Dec. 1, 1888, compared with Dec. 1, 1887.	Price per cwt., Dec. 1, 1888, live weight.	Number kept, 1888, Asses- sors' returns.	Value per head.	Total value.	
Adams....	37,052	8,522	1,033	8,803,226	\$3 25	\$286,105	87	\$3 65	8,349	\$30	\$250,470	
Alexander....	2,256	519	600	311,400	2 00	6,228	105	2 25	447	22	9,834	
Bond.....	10,360	2,383	967	2,304,361	2 85	65,674	105	2 25	3,801	27	102,627	
Boone.....	22,433	5,152	1,050	5,410,650	2 75	148,793	83	3 25	10,875	32	348,000	
Brown.....	12,291	2,827	1,100	3,109,700	3 75	116,614	150	4 00	3,678	35	128,730	
Bureau.....	52,497	12,074	1,100	13,281,400	3 00	398,442	99	3 10	13,296	28	372,288	
Calhoun.....	4,262	980	*1,253	1,227,940	*3 95	48,504	*101	*3 45	1,809	24	4,416	
Carroll.....	34,169	7,859	800	6,287,200	3 00	188,616	87	3 50	11,561	25	289,025	
Cass.....	14,712	3,384	1,175	3,976,200	3 75	149,107	95	3 10	2,896	32	92,672	
Champaign....	45,570	10,481	1,312	13,751,072	4 00	550,043	99	3 80	11,895	34	404,430	
Christian....	40,832	9,391	1,250	11,738,750	3 70	434,334	95	3 65	8,991	35	314,685	
Clark.....	14,099	3,243	1,131	3,664,590	2 95	108,105	110	2 85	4,230	22	93,060	
Clay.....	13,098	3,012	887	2,671,644	2 60	69,463	119	2 30	4,066	22	89,452	
Clinton.....	10,477	2,410	850	2,048,500	2 60	53,261	127	2 75	4,469	26	116,194	
Coles.....	15,099	3,478	1,290	4,480,170	3 95	176,967	92	3 80	2,491	30	74,730	
Cook.....	33,948	7,808	950	7,417,600	2 95	218,819	97	4 20	25,157	33	830,181	
Crawford.....	12,120	2,788	960	2,676,480	2 55	68,250	132	2 50	3,049	25	76,225	
Cumberland....	9,121	2,098	967	2,028,766	2 65	53,762	131	2 40	2,724	23	62,652	
DeKalb.....	48,118	12,067	925	10,236,975	3 00	307,109	103	3 50	22,134	33	730,422	
DeWitt.....	22,395	5,151	1,050	5,408,550	3 10	167,665	97	3 25	3,278	32	104,896	
Douglas.....	22,482	5,171	1,275	6,593,025	3 85	253,831	92	4 00	3,905	30	118,950	
DuPage.....	20,349	4,680	1,150	4,382,000	3 00	131,466	70	3 35	15,344	33	506,352	
Edgar.....	34,600	7,958	1,300	10,345,400	4 00	413,816	75	3 75	7,221	33	238,260	
Edwards.....	8,370	1,925	917	1,765,225	2 60	45,896	105	2 60	1,846	22	62,612	
Effingham....	12,817	2,948	917	2,703,316	2 35	63,528	142	2 5	4,411	22	97,042	
Fayette.....	17,277	3,974	950	3,775,300	2 60	98,158	105	2 60	5,939	25	148,495	
Ford.....	18,932	4,354	1,200	5,224,800	3 85	201,155	115	3 75	5,609	29	162,545	
Franklin.....	5,653	1,300	700	910,000	2 50	22,750	85	3 00	2,346	22	51,612	
Fulton.....	47,556	10,938	1,100	12,031,800	3 20	385,018	98	3 75	9,819	28	274,932	
Gallatin.....	4,453	1,024	700	716,800	2 00	14,336	102	2 25	1,107	18	19,926	
Greene.....	26,150	6,014	1,237	7,439,318	3 85	286,414	110	3 60	5,201	28	145,628	
Grundy.....	18,358	4,222	*1,083	4,572,426	*3 30	150,890	*100	*3 25	5,426	*29	157,354	
Hamilton....	9,208	2,118	743	1,552,494	2 25	44,931	103	2 10	3,057	20	61,140	
Hancock.....	46,499	10,695	1,033	11,047,935	3 30	364,582	95	3 50	10,929	20	218,580	
Hardin.....	2,948	678	800	542,400	2 00	10,848	105	2 00	845	15	12,675	
Henderson....	20,351	4,641	1,050	4,915,050	3 75	184,314	95	4 00	1,758	25	43,950	
Henry.....	55,473	12,759	1,075	13,715,925	3 20	438,910	112	3 35	13,644	25	340,000	
Iroquois.....	61,506	14,146	1,075	15,206,950	3 10	471,415	101	3 10	18,900	23	434,769	
Jackson.....	6,740	1,550	900	1,395,000	2 25	31,387	125	2 10	1,998	20	39,560	
Jasper.....	13,410	3,089	1,033	3,190,937	3 05	97,324	121	3 25	3,927	21	82,467	
Jefferson....	14,016	3,224	1,000	3,224,000	2 00	64,480	105	2 20	4,700	30	141,060	
Jersey.....	9,308	2,141	*1,197	2,562,777	*3 60	92,260	100	3 00	2,580	30	77,580	
JoDavies....	42,075	9,677	1,000	9,677,000	3 50	338,695	75	3 75	14,070	30	42,210	
Johnson....	4,214	969	925	896,325	2 00	17,926	112	2 25	1,010	22	22,220	
Kane.....	46,590	10,716	1,075	11,519,700	3 25	374,390	85	3 50	31,234	35	1,093,190	
Kankakee....	27,449	6,313	1,075	6,786,475	3 40	230,740	104	3 65	9,955	28	278,740	
Kendall.....	20,189	4,643	1,075	4,991,225	2 85	142,250	105	2 85	7,609	29	220,661	
Knox.....	49,457	11,375	1,042	11,852,750	3 05	361,509	93	2 75	8,528	27	230,391	
Lake.....	25,821	5,939	937	5,566,643	3 25	180,916	105	5 00	17,050	40	682,000	
LaSalle.....	55,859	12,847	1,065	13,682,055	3 60	492,554	101	3 70	17,878	28	500,584	
Lawrence....	14,175	3,260	920	2,999,200	2 45	73,480	105	2 30	4,477	20	89,540	
Lee.....	44,016	10,124	950	9,617,800	2 85	274,107	102	3 15	14,537	28	407,036	

BEEF CATTLE AND DAIRY COWS—Continued.

COUNTIES.	BEEF CATTLE.						DAIRY COWS.				
	Number of cattle assessed May, 1888.	Number marketed 1888.	Average live weight, lbs.	Total live weight, lbs.	Average value per cwt., live weight.	Total value.	Supply on hand Dec 1, 1888, compared with Dec. 1, 1887.	Price per cwt., Dec. 1, 1888, live weight.	Number kept, 1888, Asses- sors' returns.	Value per head.	Total value.
Livingston.	52,870	12,160	950	11,552,000	\$2 60	\$300,352	90	\$2 75	16,172	\$30	\$485,160
Logan.....	31,142	6,933	1,119	7,758,027	3 20	248,257	101	3 35	5,378	32	172,096
Macon.....	25,933	5,964	1,150	6,858,600	4 00	274,344	92	3 85	884	35	30,940
Macoupin...	35,333	8,126	1,100	8,938,600	3 80	339,667	115	3 60	8,794	30	263,829
Madison....	18,527	4,261	1,2 0	5,113,200	2 85	145,726	110	2 95	9,893	30	296,790
Marion.....	16,070	3,696	933	3,448,368	2 75	94,830	105	2 60	3,146	23	72,358
Marshall...	18,129	4,170	940	3,919,800	3 85	150,912	101	3 70	4,191	31	129,921
Mason.....	11,545	2,655	1,000	2,655,000	3 00	79,650	102	3 00	3,194	30	95,820
Massac.....	4,183	962	800	769,600	2 35	18,086	100	2 15	1,361	19	25,859
McDonoug.	24,138	5,552	1,075	5,968,400	3 00	179,052	114	3 25	5,142	29	149,118
McHenry...	56,286	12,946	900	11,651,400	2 65	308,762	65	2 85	36,044	35	1,261,540
McLean.....	66,245	15,236	1,200	18,283,200	3 65	667,337	100	3 60	12,200	26	317,200
Menard.....	12,551	2,886	1,250	3,607,500	4 30	155,122	100	4 25	850	28	23,800
Mercer.....	39,800	9,154	1,167	10,682,718	3 85	411,285	106	4 25	7,514	27	202,878
Monroe.....	4,550	1,046	950	993,700	3 50	34,779	90	3 00	2,599	25	64,975
Montgom'y	29,447	6,773	1,090	7,382,570	3 35	247,316	108	3 05	7,531	28	210,868
Morgan....	26,908	6,189	1,300	8,045,700	4 15	333,896	92	4 25	3,767	35	131,815
Moultrie...	9,912	2,28	1,200	2,736,000	3 00	82,080	106	3 25	2,932	30	87,960
Ogle.....	60,469	13,908	1,200	16,689,600	3 50	584,136	90	4 00	20,165	30	604,950
Peoria.....	26,398	6,071	1,000	6,071,000	3 50	212,485	112	3 35	6,004	30	180,120
Perry....	1,672	384	825	316,800	2 10	6,653	115	1 85	640	26	16,640
Piatt.....	17,505	4,026	1,000	4,026,000	3 00	120,780	95	3 00	4,918	30	147,540
Pike.....	29,793	6,852	1,270	8,702,040	4 05	352,433	93	3 75	7,029	25	175,725
Pope.....	15,142	1,183	700	828,100	2 00	16,562	115	1 85	11,670	20	33,400
Pulaski....	3,230	743	500	371,500	2 00	7,430	100	2 25	1,190	22	26,180
Putnam....	7,320	1,684	1,144	1,926,496	3 45	66,464	107	3 40	2,151	31	66,631
Randolph...	12,246	2,816	900	2,534,400	2 50	63,360	105	2 50	4,985	22	109,670
Richland...	11,857	2,727	967	2,637,009	2 10	55,377	99	2 00	3,930	18	70,740
Rock Island	33,060	7,604	1,131	8,600,124	3 85	331,105	89	4 25	8,768	27	236,736
Saline.....	8,085	1,859	900	1,673,100	2 00	33,462	110	2 00	2,915	21	61,215
Sangamon...	47,306	10,880	1,275	13,872,000	4 25	589,560	83	4 40	9,037	32	289,184
Schuyler...	23,578	5,423	1,100	5,965,300	3 50	208,785	110	4 00	5,755	25	143,875
Scott.....	4,731	1,088	1,300	1,414,400	3 50	49,504	100	3 75	1,148	30	34,440
Shelby.....	30,320	6,974	1,200	8,368,800	3 50	292,908	100	3 55	7,059	28	197,652
Stark.....	16,292	3,747	1,100	4,121,700	3 00	123,651	106	3 50	2,828	29	82,012
St. Clair...	14,768	3,397	1,000	3,397,000	2 50	84,925	110	2 50	8,657	20	173,140
Stephenson	39,806	9,155	950	8,697,250	2 85	247,872	101	2 95	15,345	27	414,315
Tazewell...	25,984	5,976	1,200	7,171,200	4 00	286,848	103	3 35	7,234	27	195,318
Union.....	11,708	2,693	800	2,154,400	2 25	48,474	90	2 25	2,299	20	45,980
Vermilion	42,187	9,703	1,317	12,778,851	4 20	536,712	103	3 90	9,030	27	243,810
Wabash....	7,199	1,656	875	1,449,000	2 55	36,949	90	2 60	1,251	23	28,773
Warren....	39,052	8,982	1,167	10,481,994	3 85	403,557	110	3 85	5,177	29	150,133
Washington	10,920	2,512	850	2,135,200	3 00	61,056	105	2 90	6,598	26	171,548
Wayne.....	19,466	4,477	917	4,105,409	2 50	102,635	126	2 35	5,734	20	114,680
White.....	12,743	2,931	933	2,734,623	2 60	71,100	100	2 65	3,424	21	71,904
Whiteside	53,133	12,220	1,200	14,664,000	3 00	439,920	100	3 50	18,588	27	501,876
Will.....	37,860	8,708	1,250	10,885,000	4 00	435,401	100	3 45	17,024	32	544,768
Williamson	5,046	1,160	940	1,090,400	2 15	23,444	128	2 15	1,972	25	49,300
Winnebago	36,926	8,493	1,000	8,493,000	3 50	297,255	100	3 75	14,402	34	489,658
Woodford..	25,719	5,915	1,200	7,098,000	2 50	177,450	92	3 10	6,239	30	187,170
Total or av	2,465,288	567,011	1,079	612,055,304	\$3 35	\$20,402,836	102	\$3 15	751,841	\$28	\$21,418,521

*Estimated.

†Estimated same as in 1887.

††Twenty-three per cent of number assessed.

HOG PRODUCT.

COUNTIES.	Number of hogs as- sessed May, 1888.	††Number marketed 1888.	Average live weight —pounds.	Total live weight— pounds.	Average value per cwt., live weight.	Total value, live weight.	Supply on hand Dec 1, 1888, compared with Dec. 1, 1887.	Price per cwt. Dec. 1, 1888—live weight.
Adams.....	65,557	54,412	230	12,514,760	\$4 90	\$613,223	69	\$4 85
Alexander.....	2,752	2,284	187	427,108	4 75	20,288	92	4 85
Bond.....	11,418	9,477	223	2,113,371	4 65	98,272	110	4 75
Boone.....	17,196	14,273	260	3,710,980	5 00	185,549	62	5 00
Brown.....	21,596	17,925	232	4,158,600	5 10	214,089	127	4 85
Bureau.....	67,856	56,320	267	15,637,440	5 00	751,872	83	5 00
Calhoun.....	10,135	8,412	200	1,682,400	4 50	75,708	110	4 00
Carroll.....	49,673	41,228	222	9,152,616	4 85	443,902	76	4 95
Cass.....	21,427	17,784	237	4,214,808	5 10	214,955	80	5 00
Champaign.....	78,253	64,950	225	14,613,750	4 80	701,460	90	4 70
Christian.....	68,822	57,122	225	12,852,450	4 90	629,770	87	4 60
Clark.....	16,259	13,495	205	2,766,475	4 95	136,940	97	4 85
Clay.....	9,969	8,274	221	1,828,554	4 55	83,193	78	4 55
Clinton.....	12,933	10,734	212	2,275,608	4 90	111,505	120	4 50
Coles.....	19,099	15,852	233	3,693,516	4 65	171,748	45	4 85
Cook.....	14,075	11,682	202	2,359,764	5 90	139,226	92	5 40
Crawford.....	14,023	11,639	225	2,618,775	4 60	120,464	83	5 95
Cumberland.....	9,379	7,794	194	1,510,096	4 70	70,974	130	5 15
DeKalb.....	54,763	45,453	247	11,226,891	4 75	533,277	105	5 00
DeWitt.....	37,710	31,299	235	7,355,265	5 00	367,763	79	4 75
Douglas.....	31,516	26,158	250	6,539,500	5 05	330,245	77	5 00
DuPage.....	12,778	10,606	242	2,566,652	4 85	124,483	80	5 10
Edgar.....	36,616	30,391	250	7,597,750	4 70	357,094	90	4 75
Edward.....	8,846	7,342	219	1,607,898	5 35	86,022	67	4 95
Effingham.....	14,792	12,277	197	2,418,569	4 50	108,836	97	4 75
Fayette.....	15,375	12,761	200	2,552,200	4 10	104,640	97	4 60
Ford.....	25,142	20,868	250	5,217,000	4 95	258,241	92	4 85
Franklin.....	8,152	6,766	175	1,184,050	3 50	41,442	85	4 50
Fulton.....	91,366	75,834	243	18,427,662	4 70	866,100	86	4 85
Gallatin.....	8,228	6,829	180	1,229,220	4 25	52,242	85	4 25
Greene.....	34,718	28,816	235	6,771,760	5 20	352,131	86	4 85
Grundy.....	14,149	11,744	*252	2,959,488	*5 00	147,974	*79	*4 90
Hamilton.....	9,904	8,220	175	1,438,500	4 85	69,767	90	4 60
Hancock.....	53,919	44,753	233	10,427,449	4 95	516,159	75	4 80
Hardin.....	5,091	4,225	200	845,000	4 00	33,800	110	4 50
Henderson.....	28,864	23,957	250	5,989,250	4 25	254,543	62	4 60
Henry.....	64,752	53,744	257	13,812,208	5 45	752,765	67	5 00
Iroquois.....	74,466	61,807	258	15,916,206	5 15	821,230	92	4 90
Jackson.....	7,243	6,012	225	1,352,700	5 00	67,635	50	4 50
Jasper.....	10,626	8,819	237	2,090,103	4 40	91,964	121	4 95
Jefferson.....	13,573	11,265	250	2,816,250	5 50	154,894	110	4 25
Jersey.....	12,213	10,137	200	2,027,400	5 25	106,438	75	5 00
Jo Daviess.....	43,130	35,798	275	9,844,450	5 20	511,911	75	4 95
Johnson.....	7,540	6,258	205	1,282,890	4 25	54,523	85	4 50
Kane.....	21,752	17,722	277	4,908,994	5 25	257,722	77	5 15
Kankakee.....	25,482	21,150	255	5,393,250	5 00	269,662	107	4 95
Kendall.....	24,412	20,262	255	5,166,810	5 10	263,507	85	4 85
Knox.....	65,552	54,408	246	13,584,368	5 05	675,910	66	4 95
Lake.....	11,830	9,819	205	2,307,465	5 25	121,142	100	3 55
LaSalle.....	66,800	55,444	270	14,969,880	4 85	726,053	97	5 00
Lawrence.....	16,319	13,545	208	2,817,360	4 53	128,190	83	4 80
Lee.....	36,731	30,493	287	8,751,491	5 10	446,326	81	5 00

HOG PRODUCT—Continued.

COUNTIES.	Number of hogs assessed May, 1888.	††Number marketed 1888.	Average live weight—pounds.	Total live weight—pounds.	Average value per cwt., live weight.	Total value, live weight.	Supply on hand Dec. 1, 1888, compared with Dec. 1, 1887.	Price per cwt. Dec. 1, 1888—live weight.
Livingston...	77,578	64,390	255	16,419,450	\$ 4 90	\$804,553	62	\$ 4 85
Logan.....	61,174	50,774	229	11,627,246	4 55	563,921	84	4 70
Macon.....	52,899	43,906	240	10,537,440	5 00	526,872	79	5 00
Macoupin.....	50,707	42,087	224	9,427,488	4 80	452,519	76	4 90
Madison.....	38,043	31,576	225	7,041,448	5 10	359,114	103	4 90
Marion.....	8,368	6,945	220	1,527,900	5 00	76,395	127	4 70
Marshall.....	32,915	27,319	240	6,556,560	5 30	347,498	66	5 10
Mason.....	32,686	27,129	195	5,290,155	4 75	251,282	79	4 75
Massac.....	6,360	5,279	172	907,988	4 35	39,497	103	4 15
McDonough.....	908,895	754,385	206	155,402,898	4 75	7,381,638	87	4 70
McHenry.....	26,505	21,999	232	5,103,768	4 85	247,533	92	5 00
McLean.....	108,239	89,838	238	21,381,444	5 00	1,069,072	81	4 70
Menard.....	13,540	11,238	255	2,865,690	5 00	143,284	78	4 80
Mercer.....	54,805	45,488	238	10,826,144	4 85	525,068	77	5 00
Monroe.....	9,881	8,290	200	1,640,000	5 25	86,100	50	4 25
Montgomery.....	42,551	35,317	224	7,911,008	4 95	391,595	86	4 75
Morgan.....	25,574	21,226	230	4,881,980	5 00	244,099	103	4 75
Moultrie.....	53,977	44,801	200	8,960,200	4 50	403,209	95	4 85
Ogle.....	64,924	53,887	200	10,777,400	5 50	592,757	80	5 00
Peoria.....	50,775	42,143	300	12,642,900	5 00	632,145	95	4 85
Perry.....	1,924	1,597	155	247,535	4 25	10,520	100	4 60
Piatt.....	29,351	24,361	200	4,872,200	4 00	194,888	90	4 70
Pike.....	45,461	37,733	203	7,659,799	4 90	375,330	93	4 75
Pope.....	48,798	7,302	200	1,460,400	4 75	69,369	102	4 35
Pulaski.....	5,021	4,167	175	729,225	5 00	36,461	100	5 00
Putnam.....	8,257	6,853	249	1,706,397	4 25	89,586	71	4 80
Randolph.....	16,881	14,011	200	2,802,200	4 60	128,901	90	4 50
Richland.....	11,735	9,740	257	2,503,180	4 20	105,133	57	4 70
Rock Island.....	27,357	22,706	247	5,608,382	5 20	291,636	84	4 95
Saline.....	12,717	10,555	237	2,501,535	4 50	112,569	87	4 45
Sangamon.....	78,472	65,132	245	15,957,340	5 25	837,760	93	4 80
Schuyler.....	33,910	28,145	225	6,332,625	5 50	348,294	110	4 80
Scott.....	9,882	8,202	220	1,804,440	3 50	63,155	70	4 85
Shelby.....	43,335	35,968	228	8,200,704	4 75	389,533	83	5 90
Stark.....	22,827	18,946	203	3,846,038	5 20	199,994	66	5 10
St. Clair.....	23,630	19,613	200	3,922,600	5 00	196,130	50	*4 75
Stephenson.....	45,150	37,474	273	10,230,402	5 45	557,557	68	5 00
Tazewell.....	35,735	29,660	307	9,105,620	5 10	464,387	85	4 95
Union.....	21,509	17,857	187	3,338,324	4 75	158,570	90	5 25
Vermilion.....	54,702	45,405	217	9,852,451	4 00	394,098	88	4 80
Wabash.....	12,274	10,187	217	2,210,579	5 00	110,529	80	4 60
Warren.....	64,334	53,397	256	13,669,632	4 95	676,647	91	5 00
Washington.....	10,749	8,922	233	2,078,826	4 85	100,823	110	4 60
Wayne.....	14,393	11,921	200	2,384,200	4 50	107,289	102	4 55
White.....	21,674	17,989	222	3,993,558	4 75	189,694	97	4 80
Whiteside.....	50,524	41,935	270	11,322,450	4 85	549,139	72	5 00
Will.....	23,882	19,822	225	4,459,950	5 10	227,457	42	4 80
Williamson.....	8,224	6,826	200	1,365,200	4 60	62,799	100	4 55
Winnebago.....	25,308	21,006	275	5,776,650	5 10	294,609	37	5 00
Woodford.....	42,972	35,667	255	9,095,085	4 85	441,112	77	4 85
Total or average.....	4,035,733	3,349,646	233	771,523,634	\$4 90	\$37,759,881	86	\$4 80

*Estimated.

†Estimated same as in 1887.

††Eighty-three per cent of number assessed.

FAT SHEEP.

COUNTIES.	Number of sheep as- sessed May 1, 1888.	++Number marketed 1888.	Average live weight, pounds.	Total live weight, pounds.	Average value per cwt., live weight.	Total value.	Supply on hand Dec. 1, 1888, compared with 1887.	Price per cwt., Dec. 1, 1888, live weight.
Adams.....	12,931	2,845	100	284,500	\$3 50	\$9,957	63	\$3 25
Alexander.....	351	77	160	12,320	2 50	308	97	2 35
Bond.....	8,563	1,884	98	184,632	3 35	6,185	103	3 10
Boone.....	5,507	1,211	125	151,375	3 75	5,676	90	3 85
Brown.....	8,140	1,791	85	152,235	3 25	4,948	87	2 85
Bureau.....	7,541	1,659	105	174,195	*3 45	6,010	90	3 75
Calhoun.....	1,347	296	*91	26,936	*3 50	943	*89	*3 40
Carroll.....	1,279	281	*105	29,505	4 00	1,180	83	*3 40
Cass.....	1,992	438	100	43,800	4 00	1,752	100	3 50
Champaign.....	11,017	2,424	100	242,400	3 00	7,272	100	2 75
Christian.....	13,311	2,923	110	322,080	3 25	10,468	95	3 35
Clark.....	8,533	1,877	97	182,069	3 15	5,735	85	3 25
Clay.....	6,677	1,469	90	132,210	3 00	3,966	50	3 00
Clinton.....	6,217	1,368	75	102,600	3 50	3,591	105	3 60
Coles.....	3,377	743	91	67,613	3 10	2,096	81	3 50
Cook.....	1,628	358	*98	35,084	*3 90	1,368	97	5 20
Crawford.....	12,511	2,752	94	258,688	3 20	8,278	72	3 10
Cumberland.....	2,440	546	92	50,232	3 15	1,582	102	3 15
DeKalb.....	3,674	808	*97	78,376	*3 45	2,704	100	*3 79
DeWitt.....	9,955	2,190	90	197,100	3 00	5,913	100	3 00
Douglas.....	6,048	1,330	105	139,650	3 40	4,718	97	3 40
DuPage.....	2,370	521	112	58,352	4 50	2,626	95	4 50
Edgar.....	17,458	3,841	110	422,510	3 25	13,731	72	3 75
Edwards.....	9,337	2,054	90	184,860	3 15	5,823	92	3 25
Effingham.....	4,815	1,059	100	105,900	2 50	2,647	100	2 75
Fayette.....	11,100	2,442	90	219,780	2 75	6,044	82	2 50
Ford.....	1,641	361	90	32,490	3 00	975	*97	3 50
Franklin.....	2,595	571	100	57,100	2 00	1,142	75	2 50
Fulton.....	21,208	4,666	98	457,268	3 65	16,690	95	3 35
Gallatin.....	1,336	294	*90	26,460	3 50	926	100	3 00
Greene.....	8,994	1,979	98	193,942	3 35	6,497	93	3 25
Grundy.....	897	197	*93	19,306	*3 45	666	*99	*3 65
Hamilton.....	3,996	879	102	89,658	2 35	2,107	97	2 50
Hancock.....	6,279	1,381	*116	160,196	*3 10	4,966	75	*3 30
Hardin.....	1,436	316	80	25,280	2 00	506	*100	2 50
Henderson.....	1,404	309	*123	38,007	*3 25	1,235	*87	*3 40
Henry.....	6,289	1,383	97	134,151	3 25	4,360	94	3 35
Iroquois.....	5,948	1,308	108	141,264	3 00	4,238	100	3 00
Jackson.....	1,864	410	80	32,800	2 50	820	50	2 75
Jasper.....	6,956	1,530	85	130,050	2 75	3,576	83	2 50
Jefferson.....	7,400	1,628	110	179,080	3 00	5,372	98	3 25
Jersey.....	2,834	623	85	52,955	3 25	1,721	80	3 50
Jo Daviess.....	6,539	1,438	*105	150,990	*3 65	5,511	*86	*3 35
Johnson.....	2,313	509	115	58,535	2 50	1,463	40	2 50
Kane.....	6,315	1,389	70	97,230	3 50	3,403	80	3 79
Kankakee.....	3,497	769	95	73,055	3 50	2,557	105	3 50
Kendall.....	4,584	1,008	100	100,800	4 00	4,032	100	4 00
Knox.....	6,456	1,420	140	198,800	*3 25	6,461	95	5 00
Lake.....	28,444	6,258	115	719,670	3 75	26,948	105	4 25
LaSalle.....	8,985	1,977	97	191,769	3 40	6,520	105	3 63
Lawrence.....	8,389	1,845	117	215,865	3 00	6,474	72	3 15
Lee.....	3,732	821	97	79,437	3 15	2,508	77	3 15

FAT SHEEP—Continued.

COUNTIES.	Number of sheep assessed May 1, 1888.	††Number marketed 1888.	Average live weight, pounds.	Total live weight, pounds.	Average value per cwt., live weight.	Total value.	Supply on hand Dec. 1, 1888, compared with 1887.	Price per cwt., Dec. 1, 1888, live weight.
Livingston	6,798	1,495	100	149,500	\$3 50	\$5,232	87	\$3 50
Logan	7,592	1,670	*105	175,350	*3 35	5,874	*98	*3 35
Macon	5,188	1,141	110	125,510	3 50	4,393	100	4 00
Macoupin	17,701	3,894	88	342,672	3 60	12,336	90	3 75
Madison	6,753	1,486	90	133,740	3 50	4,681	92	3 75
Marion	6,804	1,497	93	139,221	3 15	4,385	85	3 35
Marshall	4,038	888	*114	101,232	*3 55	3,594	90	*3 70
Mason	465	102	*104	10,608	*3 40	361	*96	*3 25
Massac	717	158	72	11,376	2 85	324	92	2 50
McDonough	3,627	578	150	86,700	2 75	2,384	100	3 00
McHenry	17,385	3,825	95	363,375	2 75	9,993	50	2 50
McLean	23,646	5,202	95	494,190	3 50	17,297	100	3 25
Menard	5,216	1,147	100	114,700	3 35	4,416	92	3 40
Mercer	3,439	756	97	73,332	3 25	2,383	95	3 25
Monroe	1,776	391	*80	31,280	*3 00	933	*90	*3 50
Montgomery	17,018	3,744	105	393,120	3 10	12,197	92	3 25
Morgan	9,854	2,168	110	238,480	3 50	8,347	100	3 75
Moultrie	2,553	562	85	47,770	3 00	1,433	100	3 50
Ogle	4,732	1,041	*86	89,526	*3 55	3,178	*91	*3 85
Peoria	5,644	1,242	130	161,460	3 60	5,812	70	3 75
Perry	1,370	301	90	27,090	3 00	813	90	3 10
Piatt	3,033	667	80	53,360	*3 25	1,734	100	*3 30
Pike	14,825	3,261	90	293,490	3 85	11,299	95	3 50
Pope	13,896	857	90	77,130	2 00	1,543	100	2 00
Pulaski	1,826	402	95	38,190	3 25	1,241	72	3 60
Putnam	1,840	405	107	43,335	3 75	1,625	102	3 80
Randolph	6,205	1,365	80	109,200	3 00	3,276	90	3 50
Richland	11,053	2,432	65	154,080	2 50	3,952	47	2 25
Rock Island	2,097	461	130	59,930	4 50	2,697	60	4 75
Saline	5,530	1,217	80	97,360	2 50	2,431	100	2 25
Sangamon	19,660	4,325	107	462,775	3 55	16,428	102	3 65
Schuyler	4,036	888	98	87,024	3 00	2,611	100	3 50
Scott	2,035	448	120	53,760	3 65	1,962	87	4 09
Shelby	18,612	4,095	98	401,316	3 60	14,447	86	4 00
Stark	4,269	939	130	122,070	*3 40	4,150	95	*3 90
St. Clair	4,849	1,067	*85	90,695	*3 10	2,811	*97	*3 15
Stephenson	4,322	951	105	99,855	3 30	3,295	89	3 35
Tazewell	7,626	1,678	127	213,106	2 65	5,647	93	2 75
Union	4,393	966	175	169,050	2 60	4,395	95	3 00
Vermilion	20,212	4,447	100	444,700	3 25	14,453	92	3 35
Wabash	4,931	1,085	100	108,500	3 10	3,363	80	3 15
Warren	3,393	746	130	96,980	4 00	3,879	80	4 00
Washington	5,006	101	100	110,100	2 50	2,752	100	3 00
Wayne	11,583	2,548	101	257,348	2 70	6,948	94	3 00
White	4,445	978	100	97,800	3 00	2,934	100	3 00
Whiteside	5,253	1,156	*103	119,068	*3 65	4,346	*82	*3 75
Will	2,940	647	*95	61,465	*3 60	2,215	*96	*4 10
Williamson	3,589	789	96	75,744	2 80	2,121	88	2 80
Winnebago	6,816	1,499	*103	154,397	*3 50	5,404	110	5 00
Woodford	4,012	883	*110	97,130	*3 35	3,254	100	*3 40
Total or average	682,093	150,052	100	15,078,544	*3 30	\$494,842	90	\$3 35

*Estimated.

†Estimated same as in 1887.

††Twenty-two per cent of number assessed.

WOOL.

COUNTIES.	Number of pounds shorn in 1887, As- sessors' returns.	Clip of 1888, com- pared with 1887.	Number of pounds shorn in 1888.	Price per pound.	Value of product.
Adams.....	53,865	100	53,865	\$0 22	\$11,850
Alexander.....	664	101	671	40	268
Bond.....	36,226	90	32,603	19	6,194
Boone.....	25,377	91	25,822	28	7,230
Brown.....	35,701	88	31,417	20	6,283
Bureau.....	41,700	97	40,449	*20	8,090
Calhoun.....	5,890	80	4,640	*19	882
Carroll.....	8,585	66	5,666	22	1,246
Cass.....	6,036	100	6,036	*21	1,267
Champaign.....	48,004	84	40,823	25	10,080
Christian.....	61,898	101	62,517	24	15,004
Clark.....	33,334	81	27,000	24	6,480
Clay.....	30,153	62	18,695	25	4,674
Clinton.....	27,199	75	20,399	21	4,284
Coles.....	13,643	91	12,405	26	3,225
Cook.....	7,505	97	7,280	35	2,548
Crawford.....	55,043	67	36,879	22	8,113
Cumberland.....	8,240	87	7,169	25	1,792
DeKalb.....	22,550	81	18,265	19	3,469
DeWitt.....	48,662	93	45,256	25	11,314
Douglas.....	22,877	98	22,419	22	4,932
DuPage.....	13,699	72	9,863	28	2,762
Edgar.....	69,303	98	67,917	20	13,583
Edwards.....	35,943	*84	30,192	21	6,340
Effingham.....	34,684	81	28,094	19	5,338
Fayette.....	50,345	92	46,317	*25	11,579
Ford.....	9,556	100	9,556	*23	2,198
Franklin.....	7,465	89	6,644	20	1,329
Fulton.....	85,552	96	82,130	20	16,426
Gallatin.....	4,592	*77	3,536	25	884
Greene.....	28,998	91	26,388	20	5,278
Grundy.....	6,924	95	6,578	*22	1,447
Hamilton.....	12,497	71	8,873	23	2,041
Hancock.....	29,095	100	29,095	20	5,819
Hardin.....	3,207	80	2,566	20	513
Henderson.....	5,122	98	5,019	*21	1,054
Henry.....	38,586	89	34,341	19	6,525
Iroquois.....	27,513	91	25,037	22	5,508
Jackson.....	5,135	85	4,365	25	1,091
Jasper.....	28,973	97	28,104	21	5,902
Jefferson.....	34,255	87	29,802	*24	7,152
Jersey.....	13,443	85	11,426	18	2,057
JoDavies.....	36,530	100	36,530	*22	8,037
Johnson.....	5,917	102	6,035	32	1,931
Kane.....	50,485	87	43,922	22	9,663
Kankakee.....	16,130	90	14,517	*22	3,194
Kendall.....	24,648	87	21,444	24	5,146
Knox.....	23,120	90	20,808	26	5,410
Lake.....	249,708	80	199,766	27	53,937
LaSalle.....	46,132	98	45,209	21	9,464
Lawrence.....	35,040	90	31,536	21	6,622
Lee.....	14,420	94	13,555	18	2,442

WOOL—Continued.

COUNTIES.	Number of pounds shorn in 1887, As- sessors' returns.	Clip of 1888, com- pared with 1887.	Number of pounds shorn in 1888.	Price per pound.	Value of product.
Livingston.....	36,871	87	32,078	\$0 20	\$6,416
Logan.....	31,216	100	31,216	*21	6,555
Macon.....	23,944	76	18,197	22	4,003
Macoupin.....	84,839	92	78,052	21	16,391
Madison.....	56,775	100	56,775	24	13,626
Marion.....	27,786	94	26,119	22	5,746
Marshall.....	20,936	98	20,517	*20	4,103
Mason.....	947	*95	900	22	193
Massac.....	2,995	70	2,096	31	650
McDonough.....	9,496	87	8,261	25	2,065
McHenry.....	122,064	80	97,651	22	21,483
McLean.....	110,054	85	93,546	22	20,580
Menard.....	25,500	98	24,990	21	5,248
Mercer.....	20,812	98	20,396	19	3,875
Monroe.....	7,898	80	6,318	*23	1,453
Montgomery.....	61,299	95	58,234	20	11,647
Morgan.....	37,759	96	36,249	22	7,975
Moultrie.....	7,806	85	6,635	25	1,659
Ogle.....	39,441	83	32,736	28	9,166
Peoria.....	23,187	92	21,332	20	4,266
Perry.....	4,680	90	4,212	32	1,348
Piatt.....	10,164	92	9,351	18	1,683
Pike.....	65,367	90	58,830	20	11,766
Pope.....	+13,989	85	11,891	30	3,567
Pulaski.....	4,511	107	4,827	18	869
Putnam.....	15,883	94	14,930	21	3,135
Randolph.....	28,370	90	25,533	23	5,872
Richland.....	61,577	79	48,616	21	10,216
Rock Island.....	21,568	75	16,176	27	4,367
Saline.....	12,143	92	11,171	25	2,793
Sangamon.....	65,312	81	52,903	20	10,581
Schuyler.....	20,479	87	17,816	*22	8,919
Scott.....	10,199	95	9,689	22	2,131
Shelby.....	77,322	92	71,136	22	15,650
Stark.....	30,474	95	28,950	20	5,790
St. Clair.....	22,885	*92	21,054	*23	4,842
Stephenson.....	24,325	99	24,082	22	5,298
Tazewell.....	38,485	87	33,482	18	6,027
Union.....	15,132	95	14,375	21	3,019
Vermilion.....	101,490	101	102,505	24	24,601
Wabash.....	16,327	94	15,347	23	3,530
Warren.....	18,495	95	17,570	20	3,514
Washington.....	21,868	97	21,212	24	5,091
Wayne.....	48,081	100	48,081	22	10,578
White.....	14,394	64	9,212	25	2,303
Whiteside.....	26,039	100	26,039	21	5,468
Will.....	18,729	93	17,418	*25	4,354
Williamson.....	12,455	81	10,088	34	3,430
Winnebago.....	46,674	85	39,673	20	7,935
Woodford.....	20,393	96	19,577	20	3,915
Total or average.....	3,282,514	89	2,927,015	\$0 22	\$654,594

*Estimated.

†Estimated same as in 1887.

Jackson.....	301	389	382	330	303	3,911	3,795	4,186	4,087	2,988
Jasper.....	387	451	455	683	780	4,407	4,068	4,603	5,383	6,563
Jefferson.....	532	769	646	891	1,043	6,242	5,944	6,396	6,636	6,563
Jersey.....	*277	414	584	653	515	9,501	9,366	5,476	5,746	10,261
Jo Daviess.....	1,065	1,186	1,067	1,284	1,313	9,134	9,762	8,235	10,048	10,261
Johnson.....	183	280	280	286	1,250	1,684	2,630	2,637	2,264	9,816
Kane.....	904	953	984	1,192	1,210	8,473	9,458	9,084	10,162	10,286
Kankakee.....	707	1,157	1,493	1,640	1,878	13,064	7,730	8,475	10,396	10,286
Kendall.....	447	660	802	887	1,011	6,307	7,148	7,452	7,798	8,136
Knox.....	1,863	2,381	2,685	2,793	2,853	16,585	16,860	16,278	17,428	17,405
Lake.....	630	743	844	823	986	5,714	6,148	6,480	6,349	6,891
LaSalle.....	2,987	3,532	4,537	3,611	3,945	22,297	23,559	26,189	26,423	27,364
Lawrence.....	2,249	4,410	4,458	4,475	6,897	4,013	7,022	4,762	4,762	5,454
Lee.....	.....	1,175	*1,175	1,475	1,857	*12,316	7,022	11,855	11,855	13,066
Livingston.....	2,280	2,797	3,544	3,535	3,704	22,061	23,444	24,640	25,077	24,500
Logan.....	1,161	1,521	1,594	1,716	1,985	11,706	12,479	12,964	13,524	14,302
Macoupin.....	1,198	1,486	1,452	1,812	1,704	12,344	12,383	13,298	13,493	13,011
Madison.....	1,300	1,722	2,053	2,054	1,946	14,281	14,363	14,832	21,123	13,221
Marion.....	737	1,168	1,531	1,289	1,344	9,766	11,808	11,080	11,006	11,354
Marshall.....	*561	609	719	936	936	6,070	6,436	6,638	7,526	6,126
Mason.....	.....	905	1,096	1,242	1,229	*7,082	6,783	7,906	8,173	8,315
Massac.....	100	169	142	158	754	*1,332	*1,304	4,774	4,116	4,292
McDonough.....	*1,440	1,440	1,482	1,561	1,421	1,338	1,804	2,255	2,237	2,237
McHenry.....	1,188	1,956	1,482	1,636	1,661	9,589	*9,589	4,131	4,780	9,443
McLean.....	3,283	3,598	4,755	4,517	4,991	11,037	11,264	11,905	12,273	13,137
Menard.....	550	550	565	*565	4,931	25,826	24,311	27,715	27,799	34,639
Merger.....	1,618	1,944	2,170	2,380	2,354	4,520	4,465	4,033	*4,033	4,600
Monroe.....	139	163	185	269	318	11,732	12,738	13,412	14,213	14,771
Montgomery.....	2,145	1,571	1,621	1,841	1,925	3,006	3,551	3,625	3,527	3,603
Morgan.....	*532	.....	.....	.....	1,459	13,150	10,891	13,288	14,440	14,191
Moutrie.....	593	692	677	629	1,459	*6,531	6,289	6,476	6,602	9,662
Ogle.....	2,190	2,188	2,141	2,141	758	4,659	5,162	5,063	3,945	5,045
Peoria.....	1,052	1,184	1,291	1,260	1,578	15,376	18,954	16,011	14,663	18,776
Perry.....	*157	246	270	310	1,441	16,463	10,057	10,191	11,148	11,169
Piatt.....	416	480	570	856	1,212	3,351	3,188	3,039	3,051	8,474
Pike.....	618	851	1,055	1,314	1,491	5,066	5,017	6,870	7,475	8,474
Pope.....	*223	335	307	346	1,326	7,399	8,438	9,184	11,540	10,641
Pulaski.....	139	98	208	213	358	2,335	2,639	2,802	*2,567	*2,567
Putnam.....	458	531	570	648	647	1,225	1,225	1,362	1,883	1,750
Randolph.....	498	433	646	727	758	3,359	3,332	3,835	3,838	3,716
Richland.....	280	432	432	604	705	6,272	6,080	6,325	6,336	6,105
Rock Island.....	901	887	971	1,178	1,282	3,594	3,496	4,490	4,508	5,174
Saline.....	167	*167	374	1,507	3,041	6,771	7,373	7,718	7,718	8,289
Sanborn.....	1,719	2,320	2,545	2,475	3,614	6,128	6,771	7,373	7,718	8,289
Sanmamon.....	740	908	1,098	1,113	1,137	15,221	16,603	15,628	17,765	18,651
Schuyler.....	210	304	304	1,113	1,137	6,485	6,356	7,050	7,856	8,204
Scott.....	141	*896	1,703	1,506	1,798	1,896	*1,896	2,237	2,038	2,038
Shelby.....	772	1,001	1,076	1,506	1,798	13,124	13,124	13,721	11,623	12,082
Stark.....	810	642	831	996	1,311	6,079	7,367	8,244	7,665	7,549
St. Clair.....	770	642	831	996	1,311	9,383	9,115	9,465	11,513	11,540
Stephenson.....	1,135	1,079	1,217	1,873	1,531	11,317	10,181	7,735	10,828	11,089

NAMES AND POST OFFICE ADDRESS

-OF-

CROP CORRESPONDENTS

DEPARTMENT OF AGRICULTURE,

FOR THE YEAR 1888,

WITH DATE OF APPOINTMENT.

ADAMS COUNTY—

- 1877, A. R. Wallace, Camp Point.
- 1879, G. W. Dean, Adams.
- 1883, H. C. Culp, Fall Creek.
- 1888, C. H. Rankin, Fall Creek.

ALEXANDER COUNTY—

- 1877, Martin Brown, Thebes.
- 1884, J. R. F. Standard, Elco.
- 1887, Jos. L. Glasow, Olive Branch.
- 1888, S. H. Yates, Commercial Point.

BOND COUNTY—

- 1877, John V. McFarland, Reno.
- 1877, S. H. Challis, Pocahontas.
- 1882, W. D. Henry, Beaver Creek.
- 1884, E. L. Willford, Old Ripley.
- 1885, J. B. Denny, Sorrento.
- 1885, W. H. Taylor, Tamalco.

BOONE COUNTY—

- 1877, George Reed, Belvidere.
- 1877, S. C. Fox, Garden Prairie.
- 1877, E. E. Moss, Belvidere.
- 1882, O. S. Nichols, Garden Prairie.
- 1885, Evi Sherman, Poplar Grove.
- 1885, Stanley Heath, Capron.

BROWN COUNTY—

- 1877, Henry D. Ritter, Versailles.
- 1878, R. T. Bratten, White Oak Springs.
- 1881, A. E. Martin, Ripley.
- 1886, W. T. Hersman, Hersman.
- 1887, J. W. Moore, Mound Station.

BUREAU COUNTY—

- 1877, L. D. Whiting, Tiskilwa.
- 1877, James F. Mallet, Milo.
- 1878, J. Y. Spangler, New Bedford.
- 1879, John L. Hall, Wyand.
- 1885, R. B. Frary, Princeton.
- 1885, Louis Zearing, Arlington.
- 1885, John S. Searl, Dupue.
- 1885, C. P. Mason, Buda.
- 1886, E. M. Douglas, Princeton.
- 1888, L. R. Bryant, Princeton.

CALHOUN COUNTY—

- 1881, M. A. Kamp, Kampsville.
- 1887, C. Lee Wood, Hamburg.
- 1887, Samuel J. Merida, Mozier.

CARROLL COUNTY—

- 1882, John Cole, Thompson.
- 1882, S. Preston, Mt. Carroll.
- 1884, Peter Hyzer, Shannon.
- 1887, Simon Bowman, Mt. Carroll.
- 1888, Whitney Inman, Milledgeville.

CASS COUNTY—

- 1877, Thomas J. Crum, Virginia.
- 1877, John M. Epler, Little Indian.
- 1878, John H. Goodell, Chandlerierville.
- 1878, John Beggs, Ashland.
- 1878, J. K. Clark, Bluff Springs.
- 1885, Oliver Decker, Bluff Springs.

CHAMPAIGN COUNTY—

- 1877, W. A. Conkey, Homer.
- 1885, M. F. Porterfield, Sidney.
- 1885, W. E. Dawley, Seymour.
- 1885, Eugene Christie, Seymour.
- 1885, S. J. Purnell, Mahomet.
- 1885, David B. Strayton, Sr., St. Joseph.
- 1887, J. M. Lewis, Urbana.
- 1888, W. H. Morgan, Tolono.
- 1888, Lewis Martin, Rantoul.

CHRISTIAN COUNTY—

- 1877, J. B. White, Morrisonville.
- 1877, A. B. Herdman, Morrisonville.
- 1877, John W. Hunter, Owaneco.
- 1878, O. S. Nash, Sharpsburg.
- 1880, J. R. Hill, Edinburg.
- 1882, Peter L. Myers, Assumption.
- 1885, J. Slate, Edinburg.
- 1885, J. Will Haines, Taylerville.

CLARK COUNTY—

- 1877, James B. Sheapley, Martinsville.
- 1877, F. B. Ennis, Dolson.
- 1877, R. R. Scott, Casey.
- 1880, L. B. Anderson, Darwin.
- 1880, Jerry Ishler, Martinsville.
- 1880, B. B. Tarman, Orange.

CLAY COUNTY—

- 1877, W. W. Bowler, Flora.
- 1880, Theron Gould, Bible Grove.
- 1882, A. W. Bothwell, Clay City.
- 1885, Samuel Dillman, Oskaloosa.
- 1887, John R. Bryan, Xenia.

CLINTON COUNTY—

- 1877, O. B. Nichols, Sr., Carlyle.
- 1878, John Burton, Trenton.
- 1888, B. I. Gerdes, Huey.
- 1888, A. E. Phillips, Aviston.

COLES COUNTY—

- 1880, J. F. Dora, Charleston.
- 1882, E. H. Patterson, Mattoon.
- 1883, W. D. Tabler, Trilla.
- 1884, Wm. A. Poorman, Humboldt.
- 1887, Garrett V. Miller, Mattoon.

COOK COUNTY—

- 1879, George Struckman, Bartlett.
- 1879, C. L. Sweet, Glenwood.
- 1882, Elbert Wheeler, Arlington Heights.
- 1888, Edwin M. Powell, Orland.

CRAWFORD COUNTY—

- 1877, William L. Heustis, Robinson.
- 1877, Andrew Newlin, Hutsonville.
- 1880, J. P. Weger, Flat Rock.
- 1882, William Wood, Oblong.
- 1882, W. S. Emmons, Robinson.
- 1884, H. H. Huskett, Palestine.

CUMBERLAND COUNTY—

- 1877, David Neal, Neoga.
- 1878, Harlow Park, Grenup.
- 1879, Ed Bumgardner, Hazel Dell.
- 1882, Jas. M. Albin, Neoga.
- 1887, David B. Green, Toledo.

DEKALB COUNTY—

- 1879, D. M. Marsh, Sandwich.
- 1881, Edwin Waite, Sycamore.
- 1884, Robt. Hampton, East Paw Paw.
- 1885, Theo. Bailis, Courtland.
- 1887, S. S. Russell, Kingston.

DEWITT COUNTY—

- 1877, E. H. Robb, Waynesville.
- 1877, John McDonald, Farmer City.
- 1881, A. D. Metz, Wapella.
- 1882, W. R. Carle, Wapella.
- 1887, Charles Willmore, Lane.

DOUGLAS COUNTY—

- 1877, S. L. Woodworth, Arcola.
- 1879, F. A. McCarty, Filson.
- 1885, Vinton Garnett, Atwood.
- 1887, William Iles, Camargo.

DUPAGE COUNTY—

- 1877, P. W. Stacy, Prospect Park.
- 1877, Daniel Dunham, Wayne.
- 1884, Daniel Kelley, Wheaton.
- 1885, Thomas Betts, Jr., Naperville.
- 1888, A. D. Albro, Wayne.

EDGAR COUNTY—

- 1878, B. O. Curtis, Paris.
- 1878, A. S. McCord, Paris.
- 1884, Geo. W. Legg, Scotland.
- 1885, Morris Little, Edgar.
- 1885, J. D. Brewer, Hildreth.
- 1886, John Zembrick, Palermo.

EDWARDS COUNTY—

- 1877, W. A. Shelby, Maple Grove.
- 1877, Charles Clark, Albion.
- 1888, John H. Marshall, Grayville.

EFFINGHAM COUNTY—

- 1877, John McDonald, Edgewood.
- 1883, H. C. Henry, Mason.
- 1883, George Strong, Eberle.
- 1883, T. J. Dunn, Elliottstown.
- 1885, William Blakeley, Altamont.
- 1887, Samuel D. Larimore, Beecher City.
- 1888, Samuel Bartley, Edgewood.

FAYETTE COUNTY—

- 1877, O. E. Lovett, St. Elmo.
- 1877, C. Carson, Brownstown.
- 1878, J. F. Kennedy, Shabonier.
- 1882, John N. McCord, Vandalia.

FORD COUNTY—

- 1877, L. T. Bishop, Piper City.
- 1877, James Ogilvie, Caberey.
- 1879, S. J. LeFevre, Gibson City.
- 1881, H. J. Schaeffer, Paxton.
- 1885, W. H. Gilbourne, Caberey.
- 1887, W. J. Wood, Elliot.

FRANKLIN COUNTY—

- 1878, Isham Harrison, Mulkeytown.
- 1882, John Mulkey, Benton.
- 1883, Otto Heulbig, Benton.
- 1883, T. D. Bowles, Ewing.
- 1885, L. M. Jones, Benton.

FULTON COUNTY—

- 1877, M. Rawalt, Canton.
- 1877, Alex. Baley, Vermont.
- 1878, D. H. Gorham, Avon.
- 1878, John Prickett, sLewion.
- 1881, S. B. Bennett, Fairview.
- 1885, E. J. Parry, Astoria.
- 1887, Cyrus Bucher, Astoria.

GALLATIN COUNTY—

- 1877, John McGehee, Shawneetown.
- 1880, Martin Doherty, Waltonborough.
- 1883, R. M. Lamb, Ridgway.

GREEN COUNTY—

- 1877, C. W. Brace, Kane.
- 1877, S. G. Russell, Bluffdale.
- 1878, Elon A. Eldred, Carrollton.
- 1877, C. I. McCollister, White Hall.
- 1888, W. H. Ellis, Greenfield.

GRUNDY COUNTY—

- 1878, C. E. Parker, Gardner.
- 1882, A. Z. Taylor, Gardner.
- 1884, W. T. Pierce, Verona.
- 1887, John Hurst, Minooka.

HAMILTON COUNTY—

- 1877, A. M. Sturman, Dahlgren.
- 1878, Adam Crouch, Beale Prairie.
- 1883, Alfred Braden, Braden.
- 1887, Inman Hamilton, Broughton.
- 1887, Geo. K. Edwards, McLeansboro.
- 1887, J. F. Anderson, McLeansboro.

HANCOCK COUNTY—

- 1877, E. J. Baxter, Nauvoo.
- 1878, A. C. Hammond, Warsaw.
- 1880, W. W. Tull, Fruitland.
- 1884, W. S. Remick, Plymouth.
- 1885, J. M. Bainter, LaCrosse.
- 1885, C. M. McMillan, Denver.
- 1885, W. A. Moore, Elvaston.

HARDIN COUNTY—

- 1886, John Jack, Cave-in-Rock.
- 1887, John C. Rose, Wolrab Mills.
- 1888, Geo. W. Douglas, Cave-in-Rock.

HENDERSON COUNTY—

- 1877, John H. McDougall, Biggsville.
- 1882, M. A. Frazell, Kirkwood, (Warren County).
- 1882, Charles Vaughn, Lomax.

HENRY COUNTY—

- 1877, N. C. Gilbert, Geneseo.
- 1877, John A. Widney, Woodhull.
- 1878, Joshua C. Edwards, Cambridge.
- 1882, E. C. Gilbert, Geneseo.
- 1885, S. H. Moon, Annawan.
- 1885, J. M. Hanna, Orion.

IROQUOIS COUNTY—

- 1878, A. C. Johnson, Woodland.
- 1879, Robert Caldwell, Sheldon.
- 1881, Frank H. Burnham, Martinton.
- 1882, B. W. Gilbourne, Caberey, (Ford County).
- 1883, S. Williams, Woodland.
- 1884, F. I. Mann, Gilman.
- 1885, Ed. Stimpson, Milford.
- 1886, C. H. Martin, Loda.
- 1887, F. M. Chapman, Danforth.
- 1888, Robert M. Perry, Cisna Park.

JACKSON COUNTY—

- 1877, Hiram Schwartz, Elkville.
- 1879, George C. Hantford, Makanda.
- 1887, D. G. Will, Campbell Hill.
- 1888, T. G. Cross, Campbell Hill.
- 1888, James E. Walker, Murphysboro.

JASPER COUNTY—

- 1876, W. E. Barrett, Newton.
- 1876, A. Wilson, Wheeler.
- 1884, R. S. Cummins, Rose Hill.
- 1885, W. H. Eidson, Willow Hill.
- 1886, Michael Kratzmeier, St. Marie.

JEFFERSON COUNTY—

- 1877, John R. Moss, Mt. Vernon.
- 1878, George L. Whitlock, Dix.
- 1879, L. E. Jones, Opdyke.
- 1879, E. S. Noleman, Irvington, (Washington County.)
- 1888, John P. Steele, Mt. Vernon.
- 1888, W. B. Casey, Mt. Vernon.

JERSEY COUNTY—

- 1877, Henry Ryan, Medora, (Macoupin County.)
- 1877, James E. Starr, Elsie.
- 1884, John G. Dougherty, Otterville.
- 1887, Joseph Chambers, McCluskey.

JO DAVIESS COUNTY—

- 1882, M. K. Hammond, Stockton.
- 1884, T. Hallett, Galena.
- 1885, Geo. W. Pepon, Warren.

JOHNSON COUNTY—

- 1880, J. F. Caspar, New Burnside.
- 1882, T. H. Taylor, Goreville.
- 1882, P. W. McFatridge, Vienna.
- 1883, J. B. Gillespie, New Burnside.
- 1886, S. P. Thatcher, Vienna.

KANE COUNTY—

- 1877, J. P. Bartlett, Blackberry.
- 1878, H. Chapman, Sugar Grove.
- 1881, E. L. Fassett, Hampshire.
- 1882, Daniel Whitney, St. Charles.
- 1884, Geo. E. Peck, Geneva.
- 1884, E. W. Thompson, Sugar Grove.
- 1885, F. C. Van Vleck, Maple Park.

KANKAKEE COUNTY—

- 1877, Milo Barnard, Manteno.
- 1878, J. C. Mosier, Esee,.
- 1882, A. L. Miner, Momence.
- 1885, John Devine, Chebanse.
- 1885, Wm. V. States, Buckingham.

KENDALL COUNTY—

- 1877, J. M. Gale, Yorkville.
- 1877, Geo. M. Hollenback, Millbrook.
- 1877, John Hurst, Minooka, (Grundy Co.)
- 1878, John S. Seeley, Oswege.
- 1882, W. H. Shufelt, White Willow.

KNOX COUNTY—

- 1877, John Sloan, Yates City.
- 1877, Isaac Hunter, Abingdon.
- 1877, G. A. Marshall, Abingdon.
- 1878, R. W. Miles, Gilson.
- 1885, A. B. Brown, Oneida.
- 1885, J. F. Latimer, Abingdon.
- 1885, Wm. Robson, Wataga.
- 1885, S. O. Allen, Galesburg.
- 1887, P. H. Hammond, Oneida.

LAKE COUNTY—

- 1878, Henry Hart, Hainesville.
- 1879, Arthur Cook, Wauconda.
- 1879, J. B. Pope, Wadsworth.
- 1881, Robert Easton, Half-Day.

LASALLE COUNTY—

- 1877, Thomas J. Davis, Triumph.
- 1877, Elmer Baldwin, Farm Ridge.
- 1878, George W. Armstrong, Seneca.
- 1883, L. A. Burgess, Tonica.
- 1883, Chas. T. Farrell, Ottawa.
- 1884, W. B. Rockwood, Sheridan.

LAWRENCE COUNTY—

- 1877, D. S. Porter, Lawrenceville.
- 1877, W. T. Buchanan, Bridgeport.
- 1882, J. A. Fyffe, Sumner.
- 1885, John Derr, Pinkstaff.
- 1888, Charles E. Corrie, Ruark.

LEE COUNTY—

- 1877, Abijah Powers, Prairieville.
- 1877, Jos. C. Lahman, Franklin Grove.
- 1879, Abram Brown Dixon.
- 1885, E. Reniff, Sublette.
- 1884, Patrick Whalen, Walton.
- 1884, William McMahan, Paw Paw.

LIVINGSTON COUNTY—

- 1877, S. T. K. Prime, Dwight.
- 1880, Isaac Young, Pontiac.
- 1882, Robert Thompson, Flannigan.
- 1882, Eli W. Pearson, Cayuga.

LOGAN COUNTY—

- 1883, John Harmon, Beason.
- 1884, M. Wemple, Mt. Pulaski.
- 1884, R. A. Taibott, Burtonview.
- 1885, W. E. Williams, Chestnut.
- 1885, J. W. McCallister, Broadwell.
- 1888, N. W. Howe, Lincoln.

MACON COUNTY—

- 1876, V. Barber, Decatur.
- 1877, T. H. Barr, Argenta.
- 1877, G. Elliott, Harriestown.
- 1880, D. P. Keller, Macon.
- 1885, S. P. Nickley, Oakley.
- 1887, George Johnson, Latham, (Logan County).

MACOUPIN COUNTY—

- 1877, J. H. Bauer, Bunker Bill.
- 1877, John P. Henderson, Virden.
- 1877, I. B. Vancil, Modesto.
- 1880, E. H. Wilson, Barnett, (Montgomery County).
- 1885, J. H. Wolfe, Nilwood.
- 1885, S. V. Keller, Medora.
- 1885, L. Corbin, Carlinville.
- 1885, George W. Ribble, Hettick.
- 1887, E. Etter, Palmyra.
- 1888, J. W. Lumpkin, Carlinville.

MADISON COUNTY—

- 1877, V. P. Richmond, Moro.
- 1877, Irby Williams, Upper Alton.
- 1883, J. M. Pearson, Godfrey.
- 1885, Jones Tontz, Grant's Fork.
- 1887, Louis Latzer, Highland.

MARION COUNTY—

- 1877, J. W. Jennings, Centralia.
- 1882, W. D. Hills, Odin.
- 1886, E. C. Mills, Salem.
- 1886, J. J. Connelly, Iuka.
- 1886, Tunis H. Spittler, Iuka.

MARSHALL COUNTY—

- 1882, H. Marshall, Camp Grove, (Stark County).
- 1883, C. A. Whitney, Verna.
- 1887, Wm. Roth, Minonk, (Woodford County).

MASON COUNTY—

- 1878, J. M. Ruggles, Havana.
- 1882, Wm. M. Duffy, San Jose.
- 1884, Charles A. Gore, Kilbourne.
- 1885, J. A. McComas, Manito.
- 1888, E. S. Mell, Jan Jose.
- 1888, J. B. Conover, Kilbourne.
- 1888, Eugene Mathers, Teheran.

MASSAC COUNTY—

- 1877, L. W. Copeland, Joppa.
- 1882, J. R. Wetherill, Metropolis.
- 1888, Stanton Simpson, New Columbia.
- 1888, C. W. Bruner, Samoth.

MCDONOUGH COUNTY—

- 1877, James N. Devore, Bushnell.
- 1877, Samuel Frost, Macomb.
- 1877, W. H. Green, Bardsolph.
- 1877, John B. Isom, Blandinsville.
- 1887, J. J. Tabler, Colman.

MCHEMRY COUNTY—

- 1877, E. H. Seward, Marengo.
- 1877, Sidney Disbrow, Alden.
- 1877, T. McD. Richards, Woodstock.

MCLEAN COUNTY—

- 1877, John A. Ewins, Danvers.
- 1877, Nelson Jones, Towanda.
- 1877, Wm. H. Oglevie, Heyworth.
- 1877, Sylvester Peasley, Downs.
- 1879, C. N. Vandervoort, Randolph.
- 1882, D. F. Trimmer, Lexington.
- 1885, A. B. Branaman, Arrowsmith.

MENARD COUNTY—

- 1877, Thomas Kincaid, Athens.
- 1884, C. J. McDoel, Atterberry.
- 1884, Alex. Montgomery, Greenview.
- 1887, Thos. S. King, Fancy Prairie.
- 1888, W. R. Grimsley, Sweet Water.

MERCER COUNTY—

- 1877, Josiah Candor, Hamlet.
- 1877, Dan. W. Sedwick, Suez.
- 1878, Joseph U. David, New Windsor.
- 1882, David A. Clark, Preemption.
- 1882, Joshua Cabeen, Aledo.
- 1888, W. A. Griffin, Griffin.

MONROE COUNTY—

- 1881, John McCormick, Harrisonville.
- 1888, Louis Lichten, Renault.

MONTGOMERY COUNTY—

- 1877, E. W. Miller, Raymond.
- 1881, E. H. Donaldson, Nokomis.
- 1881, A. T. Strange, Walshville.
- 1882, J. B. Poecock, Nokomis.
- 1885, Geo. N. Allen, Donnellson.
- 1886, Henry C. Barnes, Devon.
- 1882, W. K. Jackson, Hillsboro.

MORGAN COUNTY—

- 1877, James C. Fairbanks, Concord.
- 1877, John Gordon, Jacksonville.
- 1878, S. S. Dewees, Alexander.
- 1878, R. C. Curtis, Waverly.
- 1883, J. G. Bush, Murrayville.

MOULTRIE COUNTY—

- 1877, R. R. Cole, Sullivan.
- 1877, Wm. Kirkwood, Sullivan.
- 1880, G. W. Vaughan, Sullivan.
- 1884, J. P. Glasscock, Gays.
- 1888, John Bowers, Williamsburg.

OGLE COUNTY—

- 1877, A. D. Clarke, Kyte River.
- 1885, Fred. Mathias, Woonung.
- 1888, Ambrose Sanborn, Polo.

PEORIA COUNTY—

- 1879, Joseph Gallup, Chillicothe.
- 1880, R. C. Davis, French Grove.
- 1882, W. E. Elliott, Monica.
- 1883, S. D. Kemp, Elmwood.
- 1885, Wm. West, Smithville.

PERRY COUNTY—

- 1877, Alex. P. Baird, Pyatt Station.
- 1883, J. C. Blair, Cutler.
- 1886, John Tyler, Tamaroa.
- 1887, Daniel W. Day, Du Quoin.
- 1888, E. M. Harris, Holts.

PIATT COUNTY—

- 1877, Ezra Marquis, Sr., Deland.
- 1879, D. W. Smith, Farmer City (DeWitt County).
- 1879, John W. C. Gray, Atwood.

PIKE COUNTY—

- 1877, J. O. Bolin, Milton.
- 1877, W. R. Wills, Pittsfield.
- 1880, C. B. Dustin, Summer Hill.
- 1881, Edward Whittleton, Barry.
- 1882, L. W. McMahan, Griggsville.

POPE COUNTY—

- 1877, J. E. Y. Hanna, Golconda.
- 1882, John A. Stalions, Colorado.
- 1887, J. N. Maynor, Eddyville.
- 1888, Wm. King, Rose Bud.

PULASKI COUNTY—

- 1877, H. C. Fearnside, Villa Ridge.
- 1879, J. H. Crain, Villa Ridge.
- 1880, W. A. Hight, Wetang.
- 1880, W. R. Crain, Villa Ridge.
- 1888, A. A. Austin, Mound City.

PUTNAM COUNTY—

- 1877, W. Durley, Hennepin.
- 1877, Josiah L. Mills, Mt. Palatine.
- 1880, W. S. Borley, Cottage Hill.
- 1884, Geo. Longman, Sr., Putnam.
- 1885, J. M. McNabb, Mt. Palatine.

RANDOLPH COUNTY—

- 1877, Hugh Easdale, Tilden.
- 1881, J. B. Matthews, Marissa, (St. Clair County.)
- 1886, J. G. Elliff, Kaskaskia.
- 1888, James M. Clark, Sparta.

RICHLAND COUNTY—

- 1877, S. M. Thompson, Parkersburg.
- 1877, John Camp, Berryville.
- 1878, R. C. Morris, Olney.
- 1882, Thomas T. Taylor, Noble.
- 1887, Thomas Leaf, Olney.

ROCK ISLAND COUNTY—

- 1877, Jesse S. Daily, Cordova.
- 1877, Fred. Osborn, Osborn.
- 1877, James Taylor, Taylor Ridge.
- 1882, R. D. McCreery, Coal Valley.
- 1882, Thos. Campbell, Rock Island.
- 1887, Samuel Goode, Andalusia.

SALINE COUNTY—

- 1877, W. M. Joyner, Stone Fort.
- 1887, L. D. Robertson, Somerset.

SANGAMON COUNTY—

- 1877, George P. Weber, Glenarm.
- 1880, A. A. Pickerell, Mechanicsburg.
- 1881, James A. Stone, Bradfordton.
- 1885, John Upton, Springfield.
- 1885, J. T. Lewis, Chatham.

SCHUYLER COUNTY—

- 1877, R. C. Noyes, Camden.
- 1879, Charles M. Doyles, Rushville.
- 1885, W. C. Reno, Browning.
- 1887, C. C. Bissell, Brooklyn.

SCOTT COUNTY—

- 1877, Henry L. Gordon, Winchester.
- 1877, J. M. Leighton, Manchester.
- 1877, Henry Miner, Winchester.
- 1882, S. Barnes, Manchester.
- 1886, J. H. Hawk, Merritt.

SHELBY COUNTY—

- 1877, E. A. McCracken, Lakewood.
- 1878, L. H. Turner, Strasburg.
- 1880, Edward Roessler, Schelbyville.
- 1887, I. B. McNutt, Herrick.
- 1887, Elias Kost, Herrick.

STARK COUNTY—

- 1877, John Lackie, Osceola.
- 1877, H. H. Oliver, Toulon.
- 1877, J. M. Thomas, Wyoming.
- 1878, J. H. Anthony, West Point.
- 1886, Abel H. White, Lafayette.
- 1887, C. M. Turner, Toulon.

ST. CLAIR COUNTY—

- 1882, B. I. Van Court, O'Fallon.
- 1882, Geo. C. Eisenmeyer, Mascoutah.
- 1882, Peter Seibert, Fayetteville.
- 1882, M. T. Stookey, Belleville.

STEPHENSON COUNTY—

- 1876, C. H. Rosenstiel, Freeport.
- 1877, Giles Turneure, Ellis.
- 1887, F. B. Walker, Dakota.
- 1877, Hiram Snyder, Lena.
- 1882, Daniel Musser, Orangeville.
- 1887, E. Stevens, Howardsville.

TAZEWELL COUNTY—

- 1877, Geo. W. Minier, Minier.
- 1879, Jonathan B. Allen, Delavan.
- 1882, P. E. Ripper, Sands.
- 1888, John A. Roberts, Morton.

UNION COUNTY—

- 1881, G. W. Cline, Anna.
- 1887, J. D. Jones, Anna.
- 1888, Willis Cauble, Alto Pass.
- 1888, Thos J. Kenney, Anna.

VERMILION COUNTY—

- 1877, J. H. Oakwood, Catlin.
- 1878, Robert Barnett, Indianola.
- 1879, Thomas Armstrong, Rossville.
- 1887, Henry Davis, Fairmount.

WABASH COUNTY—

- 1877, John F. Harrington, Allendale.
- 1877, John W. Haberton, Mt. Carmel.
- 1877, Joseph Litherland, Allendale.
- 1877, Thomas Riggs, Maud.
- 1878, M. L. Tilton, Mt. Carmel.

WARREN COUNTY—

- 1877, Henry Tubbs, I irkwood.
- 1877, D. C. Graham, Cameron.
- 1877, J. D. Porter, Alexis.
- 1883, R. H. Rankin, Monmouth.
- 1887, H. T. Lape, Roseville.

WASHINGTON COUNTY—

- 1877, J. B. Spencer, Nashville.
- 1878, H. H. Meyer, Stone Church.
- 1881, August Stande, Okawville.
- 1887, Jas. B. Borders, Nashville.
- 1887, G. W. Walker, Beaucoup.
- 1887, Alexander Chesney, Plum Hill.

WAYNE COUNTY—

- 1877, Henry Kramer, Mt. Erie.
- 1877, L. M. Cisne, Cisne.
- 1877, A. M. Cable, Boyleston.
- 1883, Ohver Holmes, Fairfield.
- 1885, G. M. Karr, Johnsonville.

WHITE COUNTY—

- 1877, Ezekiel Hunsinger, Burnt Prairie.
- 1878, Nathan Caley, Caley.
- 1878, Boone Kershaw, Grayville.
- 1880, J. W. McHenry, Carmi.
- 1887, W. F. Hoskins, Norris City.

WHITESIDE COUNTY—

- 1877, L. S. Pennington, Sterling.
- 1885, Wm. Mathias, Prophetstown.
- 1886, John C. Aldrich, Tampico.

WILL COUNTY—

- 1877, Jacob Smith, Lockport.
- 1878, C. A. Westgate, Peotone.
- 1879, Jerome Fisher, DuPage.
- 1880, Samuel G. Nelson, Wallingford.
- 1882, J. O. Piepinbrink, Crete.

WILLIAMSON COUNTY—

- 1877, S. M. Mitchell, Corinth.
- 1877, D. R. Harrison, Herrin's Prairie.
- 1877, Geo. W. Davis, Crab Orchard.
- 1878, James M. Washburn, Marion.
- 1882, H. M. Richart, Carterville.
- 1885, C. H. Dennison, Marion.

WINNEBAGO COUNTY—

- 1877, J. H. Kirk, Rockford.
- 1877, Wm. Atkinson, Harrison.
- 1878, H. J. Rolason, Durand Station.
- 1878, Webster Osborn, Winnebago.
- 1885, Fred. Saunders, Pecatonica.
- 1888, Walter Saunders, Pecatonica.

WOODFORD COUNTY—

- 1880, C. M. Stephenson, Secor.
- 1882, J. H. Brown, Minonk.
- 1885, J. A. Simpson, Minonk.
- 1886, John Kaufman, Cruger.
- 1887, C. K. Snyder, El Paso.
- 1887, J. D. Smith, Metamora.
- 1887, A. C. Bell, Benson.

METEOROLOGICAL OBSERVERS FOR 1888, WITH DATE OF APPOINTMENT.

COUNTY.	OBSERVER.	POST OFFICE.	DATE.
Adams	D. E. Robbins.	Payson	1886
Alexander	C. L. Bozzell.	Cairo	1881
Bond	M. S. Oudyn, Ph. G.	Greenville	1883
Boone	E. L. Lawrence.	Belvidere.	1880
Bureau	Ezra Stetson.	Neponset	1886
Calhoun	Dr. S. Southworth	Kampsville.	1888
Carroll	Charles H. Beeler.	Lanark	1887
Cass	W. W. Gailey	Ashland	1887
Champaign	H. A. Burr.	Philo	1885
Champaign	C. L. Myers	Mahomet	1887
Christian	J. K. Eberle	Pana	1882
Clark	J. B. Sheapley	Martinsville	1886
Clay	L. A. Michels	Flora	1886
Clinton	Wm. Rogan	Carlyle	1885
Coles	Wm. Dozier	Mattoon	1882
Cook	H. C. Frankinfield.	Chicago	1879
Crawford	John E. Templeton	Palestine.	1882
DeKalb	Roswell Dow	Sycamore.	1881
Douglas	Miss Mary Iles	Camargo	1887
DuPage	Royal T. Morgan	Wheaton.	1886
Edgar	Wilbur T. Cook	Paris	1887
Edwards	B. F. Michels	Albion	1886
Efingham	George Strong.	Eberle	1885
Fayette	Joseph Urbani.	Vandalia	1885
Ford	A. C. Rishel	Melvin	1888
Franklin	John McPherson	Benton	1887
Fulton	Miss Mary C. Bennett.	Fairview	1886
Greene	P. J. Bates	White Hall.	1886
Grundy	Geo. W. Bartlett.	Morris.	1886
Hamilton	Wm. P. Gibbs.	McLeansboro.	1882
Hancock	F. Z. Gosewisch.	Keokuk, Iowa	1885
Hardin	J. S. Abbott.	Elizabethtown.	1887
Henderson	R. Hodson	Oquawka	1887
Iroquois	Henry Upsall.	Watseka	1885
Jasper	John B. Harris	Newton	1887
Jersey	A. M. Cheney	Jerseyville.	1886
Jo Daviess	Fr. Schaub	Galena	1886
Kane	M. M. Robbins.	Aurora	1882
Kankakee	J. G. Knecht.	Kankakee.	1888
Kendall	J. S. Seely	Oswego	1887
Knox	T. A. Wetmore.	Oneida	1885
Lake	L. R. F. Griffin	Lake Forest	1886
LaSalle	J. O. Harris	Ottawa	1886
Lawrence	J. A. Fyfe	Sumner	1886
Lee	Matthias Schick	Prairieville	1881
Livingston	Isaac Young	Pontiac	1885
Logan	L. H. Sullivan.	Beason	1887
Macoupin	A. C. Gish	Viriden	1886
Madison	J. L. R. Wadsworth	Collinsville	1884
Marion	J. L. Hallam	Centralia.	1876
Marshall	A. C. Price	Lacon	1887
McHenry	John W. James	Marengo	1877
McHenry	Geo. D. Silliman	Woodstock	1886

METEOROLOGICAL OBSERVERS—Continued.

COUNTY.	OBSERVER.	POST OFFICE.	DATE.
Mercer...	Tyler McWhorter	Aledo	1886
Morgan	P. J. Hasenstab	Jacksonville	1886
Ogle	Wm. Feary	Mt. Morris	1887
Peoria	Fred Brendel	Peoria	1877
Perry	J. A. Anderson	Three Mile	1886
Platt	J. W. C. Gray	Atwood	1885
Pike	L. Eastman	Griggsville	1882
Pike	M. J. Hassler	Louisiana, Mo.	1889
Pope	J. E. Y. Hanna	Golconda	1878
Pulaski	B. C. Taber	Mound City	1887
Putnam	A. T. Purviance	Hennepin	1886
Randolph	W. J. S. Cathcart	Jordan's Grove	1887
Richland	Miss Clementine Fahs	Olney	1888
Rock Island	R. R. Martin	Davenport, Ia.	1885
Saline	Gregg & Grace	Harrisburg	1886
Sangamon	John Craig	Springfield	1879
Shelby	A. H. Hatch	Windsor	1885
St. Clair	V. P. Chappel	St. Louis, Mo.	1885
St. Clair	G. Liebrock	Mascoutah	1882
Stephenson	John Wright	Cedarville	1886
Tazewell	J. E. Terborg	Pekin	1886
Vermilion	Miss C. J. Trego	Hoopeston	1886
Wabash	James Pool	Mt. Carmel	1886
Washington	G. Tucker	Richview	1885
Wayne	Jacob Hall	Fairfield	1885
Whiteside	Miss Maud Alexander	Sterling	1886
Will	A. Nash	Joliet	1886
Winnebago	J. L. Budlong	Rockford	1886

MORTUARY LIST.

1888.

The Following Crop Correspondents Died in 1888.

Date of Appointment.	NAME.	PLACE.	COUNTY.
1877.....	MILO BARNARD	Manteno	Kankakee....
1877.....	F. M. PORTER	Lovington.....	Moultrie.....

The gentlemen named above were noted for their enterprise and devotion to the public interests, and are justly entitled to the grateful remembrance of all who have been interested in the statistical work of the Illinois Department of Agriculture.

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MONTHLY WEATHER REVIEW

—OF THE—

ILLINOIS STATE WEATHER SERVICE,

—FOR—

JANUARY, 1889.

—CONTAINING—

SUMMARY OF METEOROLOGICAL OBSERVATIONS

—MADE TO THE—

Illinois State Board of Agriculture.

CHARLES F. MILLS,

Secretary State Board of Agriculture.

JAS. CASSIDY,

Observer, Signal Corps, Asst.

SPRINGFIELD:
STATE JOURNAL PRINT.
1888

NAMES OF OBSERVERS REPORTING TO THE ILLINOIS STATE WEATHER SERVICE.

COUNTY.	OBSERVER.	POST OFFICE.	Eleva- tion, feet.	Latitude.	Longitude
Alexander..	Hass Hagen, Obs.....	Cairo.....	359	37°	89° 10'
Bond.....	M. S. Oudyn, Ph. G.	Greenville.....		38° 55'	89° 25'
Boone.....	E. L. Lawrence.....	Belvidere.....		42° 14'	88° 50'
Brown.....	C. F. Rickey, Ph. G.....	Mt. Sterling.....		40° 0'	90° 47'
Bureau.....	Dr. Ezra Stetson.....	Neponset.....		41° 20'	89° 50'
Calhoun.....	Dr. S. Southworth.....	Kampville.....			
Carroll.....	Chas. H. Beeler.....	Lanark.....		42° 7'	89° 51'
Cass.....				39° 55'	90° 1'
Champaign..	Hubert A. Burr.....	Philo.....	771	39° 59'	88° 8'
Champaign..	Dr. C. L. Myers.....	Mahomet.....		40° 12'	88° 26'
Christian.....	J. K. Eberle.....	Pana.....	760	39° 25'	89° 7'
Clark.....	J. B. Sheapley.....	Martinsville.....	616	39° 21'	87° 54'
Clay.....	L. A. Michels.....	Flora.....		38° 45'	88° 30'
Clinton.....	Wm. Rogan.....	Carlyle.....		38° 40'	89° 30'
Coles.....	Wm. Dozier.....	Mattoon.....	724	39° 29'	88° 23'
Cook.....	H. C. Frankinfield.....	Chicago.....	661	41° 50'	87° 40'
Crawford.....	John E. Templeton.....	Palestine.....		39° 2'	87° 37'
Cumberland..		Neoga.....			
DeKalb.....	Roswell Dow.....	Sycamore.....	800	42°	88° 42'
DeWitt.....	Miss Ada Stackhouse.....	Wapella.....		40° 10'	89° 20'
Douglas.....	Miss Mary Iles.....	Camargo.....		39° 49'	88° 20'
DuPage.....	Royal T. Morgan.....	Wheaton.....		41° 53'	88° 5'
Edgar.....	Wilbur T. Cook.....	Paris.....		39° 38'	87° 42'
Edwards.....	B. F. Michels.....	Albion.....		38° 24'	88° 6'
Effingham.....	George Strong.....	Eberle.....		38° 58'	88° 30'
Fayette.....	Jos. Urbani.....	Vandalia.....		39°	89° 7'
Ford.....	A. C. Rishel.....	Gibson City.....		40° 30'	88° 30'
Franklin.....	John McPherson.....	Benton.....		38° 2'	88° 56'
Fulton.....	Miss Mary C. Bennett.....	Fairview.....	500	40° 38'	90° 10'
Gallatin.....	Charles Carroll, Jr.....	Shawneetown.....	353	37° 45'	88° 10'
Greene.....	P. J. Bates.....	White Hall.....	480	39° 27'	90° 25'
Grundy.....	Geo. W. Bartlett.....	Morris.....		41° 22'	88° 27'
Hamilton.....	Wm. P. Gibbs.....	McLeansboro.....		38° 7'	88° 35'
Hancock.....	F. Z. Gosewisch.....	Keokuk, Iowa.....	618	40° 25'	91° 25'
Hardin.....	J. S. Abbott.....	Elizabethtown.....		37° 30'	88° 20'
Henderson.....	R. Hodson.....	Oquawka.....		40° 57'	90° 58'
Henry.....	Prof. N. W. Thornton.....	Geneseo.....		41° 30'	90° 15'
Iroquois.....	Henry Upsall.....	Watseka.....	640	40° 48'	87° 45'
Jackson.....	Frank Hopkins.....	Makanda.....	765	37° 40'	89° 15'
Jasper.....	John B. Harris.....	Newton.....		39° 3'	88° 11'
Jefferson.....					
Jersey.....	A. M. Cheney.....	Jerseyville.....		39° 10'	90° 21'
Jo Daviess.....	Fr. Schaub.....	Galena.....		42° 25'	90° 32'
Johnson.....					
Kane.....	M. M. Robbins, M. D.....	Aurora.....	676	41° 47'	88° 8'
Kankakee.....					
Kendall.....	J. S. Seely.....	Oswego.....	650	41° 41'	88° 12'
Knox.....	T. A. Wetmore.....	Oneida.....		41° 2'	90° 15'
Lake.....	Dr. J. M. G. Carter.....	Waukegan.....	650	42° 21'	87° 50'
Lake.....	L. R. F. Griffin.....	Lake Forest.....	593	42° 21'	87° 50'
LaSalle.....	Dr. J. O. Harris.....	Ottawa.....	500	41° 20'	88° 52'
Lawrence.....	J. A. Pyffe.....	Sumner.....		38° 45'	88° 52'
Lee.....			725	41° 50'	89° 38'

MONTHLY WEATHER REVIEW

OF THE

ILLINOIS STATE WEATHER SERVICE

SPRINGFIELD, JANUARY, 1889.

(The State covers such an extended area from north to south (385 miles) that it has been found advisable to divide the same and follow the judicial divisions, which include the following territory, viz: the Northern Division extends from $42^{\circ} 30'$ to about $40^{\circ} 31'$; the Central Division extends from about $40^{\circ} 31'$ to about 39° ; the Southern Division from about 39° to $36^{\circ} 51'$.)

INTRODUCTORY.

The remarkable high temperature of the present winter has continued through January and was even more marked than during December. The mean temperature, $30^{\circ}.7$, was $8^{\circ}.5$ above the mean of the previous eleven Januarys, and though largely in excess of the average cannot be said to have been phenomenally so, as it has been exceeded twice in the previous eleven years, in 1878 when it was $31^{\circ}.0$, and in 1880 when it was $41^{\circ}.3$.

There is therefore no grounds for the oft repeated assertion that the Climate is changing. The causes that produce these abnormal seasons whether cosmic or terrestrial, are not yet fully understood, but that they operate, and have been operating in the past, as they will operate in the future there can be no doubt. As far

as can be learned there is no regular sequence in their action, there is no cycles or regular recurring seasons in which they operate. For instance the mean temperature of January 1878 was very high, in 1879 it was considerably below the average, while in 1880 it was the highest of which there is any record. In the following year, 1881, it was the lowest in twelve years, while in 1882 it was over six degrees above the average, then during the six ensuing years, up to the present, it has been below the average several degrees.

Frost's were numerous, occurring nearly every day in the month, but were not severe except on the 21st and a few other days. In the Central and Southern Divisions the ground was only slightly frozen at the end of the month, and in the Northern it was only frozen to the depth of a few inches. There was considerable thawing out during the day, and this combined with the absence of snow will likely be somewhat injurious to winter wheat.

The 21st was the coldest day and the 16th the warmest, the extreme range being 76° —from 65° to -11° .

The mean pressure, as recorded by the barometer, was about the average, but the range was unusually large owing to the unusually low barometer of the 9th, on which date, it was lower in the Northern part of the state than ever before recorded. At Lake Forest the mercurial column went below the range of the instrument scale.

The precipitation was slightly above the average; 0.20 of an inch above that of the eleven preceeding Januaries, being lightest in Northern and heaviest in the Southern Division. In the Northern Division it was mainly in the form of snow but in the other two the greater part of it was in form of rain. From five to ten inches of snow fell in the Western Division and considerably less in the other Divisions, but owing to the high temperature and the dryness of the atmosphere it soon disappeared and only traces remained anywhere at the end of the month.

There was a general thunderstorm extending over the Northern Division on the 16th.

ATMOSPHERIC PRESSURE.

(Inches and Thousandths.)

The mean pressure, as deduced from the reports of stations where the readings of the barometer have been reduced to sea level, was 30.064. The highest was 30.470 at Chicago, and the lowest 28.925 at Aurora.

TEMPERATURE.

(Degrees, Fahrenheit.)

The mean temperature of the month, 30°.7, was 8°.5 above the average of the previous eleven Januarys. The mean of the Northern Division was 26°.6, of the Central 31°.3, and of the Southern 34°.3.

The following are the most marked departures from the normal temperature for Jan. :

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	Deg.	County.	Place.	Deg.

At all the stations in the State the temperature was above the normal from three to fifteen degrees. At Riley where the record covers a period of 26 years, it was 7°.5 above and at Georgia where the record is for 33 years it was 6°.3 above.

MAXIMUM AND MINIMUM TEMPERATURE.

Table of maximum, minimum and mean temperatures for Jan.

TEMPERATURE.	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	Average.
Maximum ...	61	66	72	52	68	56	68	62	61	66	68	65	63.7
Minimum ...	-13	-26	10	-32	-12	-29	-33	-32	-26	-32	-30	-11	-22.1
Mean.....	31.0	20.6	41.3	17.3	28.9	18.6	18.4	18.6	18.6	20.6	18.5	30.7	23.6

PRECIPITATION.

(Inches and hundredths.)

Average precipitation for each Division for Jan. of the years specified :

TERRITORY.	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	Average.
Northern Div.	0.40	0.71	3.36	1.47	1.33	1.92	1.06	2.73	3.00	2.64	1.50	1.73	1.79
Central Div...	0.91	0.79	2.82	0.90	1.81	1.02	0.88	2.71	2.33	1.27	3.04	2.05	1.71
Southern Div...	3.08	3.30	3.80	1.56	4.55	2.05	1.76	3.11	3.50	1.39	2.32	3.10	2.79
The State....	1.46	1.60	3.33	1.32	2.57	1.66	1.21	2.73	2.94	1.77	2.29	2.50	2.10

The following are the most marked departures from the normal precipitation for Jan. :

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	Inches.	County.	Place.	Inches.
Pope	Golconda.....	1.24	Shelby	Windsor.....	1.04
Lawrence.....	Sumner.....	1.13	DeKalb.....	Sycamore.....	1.00
Pike.....	Griggsville.....	1.00	Knox.....	Oneida.....	0.84

MEAN RELATIVE HUMIDITY.

NORTHERN DIVISION.		CENTRAL DIVISION.		SOUTHERN DIVISION.	
Station.	Per cent.	Station.	Per cent.	Station.	Per cent.
Lake Forest	80.3	Pekin	78.4	Richview	82.7
Chicago	82.8	Keokuk, Iowa	81.9	Cairo	78.2
Aurora	80.0	Springfield	77.7	St. Louis .....	.....
Peoria	73.0	Charleston	86.0		
Watseka	83.0	Windsor	79.1		
Davenport, Ia.	78.9	Jacksonville			
Mean.....	79.7	Mean.....	80.6	Mean.....	80.4

The mean relative humidity for State, 80.2 per cent.

WIND.

The following is the wind data for Jan., as reported from stations having self-registering anemometers:

STATIONS.	WIND—Miles.		
	movement.	Av. hourly velocity.	Maximum hourly velocity—direction and date.
Chicago.....	7,807	10.5	44—S. W. on the 17th.
Davenport, Ia.	6,072	8.2	40—S. W. on the 16th.
Watseka	6,455	8.7	36—S. W. on the 16th.
Keokuk, Ia.	6,352	8.5	36—S. W. on the 16th.
Springfield.....	7,408	9.9	40—N. W. on the 9th.
Windsor	6,263	8.4	28—S. E. on the 16th.
St. Louis, Mo			
Cairo.....	5,694	7.8	35—E. on the 16th.

DIRECTION OF WIND.

TERRITORY.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
Northern Division	0	0	0	0	2	15	3	11
Central Division.....	0	1	0	0	0	10	5	8
Southern Division.....	2	0	0	3	0	3	4	9
The State	2	1	0	3	2	28	12	28

NOTE: The average hourly velocity is obtained by dividing the total movement by 24 times the number of days in the month.

THUNDERSTORMS.

On the 16th at Sycamore, Oneida, Charleston, Paris, Belvedere, Philo, Cedarville, Mahomet, Lanark, Winnebago, Lacon, Gibson City, Mt. Morris, Lake Forest and Woodstock.

FROST.

Frost's reported on nearly every day in the month.

•

OPTICAL PHENOMENA.

SOLAR HALOS.

Charleston, on the 22d; Olney, on the 4th, 19th, 22d and 25th; Springfield, on the 4th, 22d and 25th; Oneida, on the 11th and 22d; McLeansboro, on the 22d; Cedarville, on the 13th; Watseka, on the 22d and 24th; Mahomet, on the 11th; Riley, on the 4th, 19th and 23d; Lanark, on the 16th; Winnebago, on the 4th, 10th, 11th, 13th, 18th, 19th, 21st, 28th and 29th; Oswego, on the 28th and 30th; Summer, on the 5th; Mt. Morris, on the 4th, 19th and 23d; Benson, on the 19th and 22d; Woodstock, on the 4th and 19th;

LUNAR HALOS.

Charleston, on the 7th, 8th, 10th and 11th; Sycamore on the 13th; Olney, on the 7th, 12th, 22d and 23d; Keokuk, on the 7th, 11th and 22d; Springfield, on the 10th, 11th and 22d; Oneida, on the 11th and 18th; Golconda, on the 13th; McLeansboro, on the 22d; Cedarville, on the 11th; Ottawa, on the 11th and 18th; Watseka, on the 11th; Philo, on the 7th and 11th; Mahomet, on the 11th; Riley, on the 11th, 13th and 19th; Greenville, on the 7th; Lanark, on the 18th; Winnebago, on the 11th; Aurora, on the 11th and 13th; Lacon, on the 11th; Flora, on the 7th; Kankakee, on the 4th; Jordan's Grove, on the 22d and 24th; Mt. Morris, on the 11th and 18th; Benson on the 11th; Woodstock, on the 11th and 13th.

PARHELIA.

Pontiac, on the 23d and 28th; Philo, on the 7th; Winnebago, on the 18th; Woodstock, on the 18th;

METEORS.

Summer, on the 11th; Lake Forest, on the 25th;

MISCELLANEOUS PHENOMENA.

HAIL.

Brush Hill, on the 16th; Sumner, on the 16th; Warren on the 16th.

SUNSPOTS, JANUARY, 1889.

RECORDED BY JOHN W. JAMES, VOL. OBSERVER, RILEY.

Mr. James reports that no sunspots were visible during the month.

ERRATUM.

In the Review for December page 2, third line from top, read $50^{\circ}.1$ instead of $51^{\circ}.0$, and $51^{\circ}.0$ instead of $15^{\circ}.0$.

REMARKS.

METEOROLOGICAL OBSERVERS.

MONTH OF JANUARY, 1889.

ALEXANDER COUNTY—**GEO. HASS**, Observer, Signal Corps, Cairo. Highest bar meter, 30.390, on the 1st; lowest, 29.316, on the 8th; mean, 30.096; range, 1.074. Highest temperature, 61° 4, on the 16th; lowest, 18° 8, on the 23th; range, 42° 6; greatest daily range, 25° 4 on the 30th; least, 4° 0, on the 8th; mean daily range, 13° 0; mean maximum temperature, 40° 6; mean minimum, 31° 5. The mean temperature of the month, 37° 5, was 3° 3 above the normal for the past 17 years. The precipitation, 4.61 inches, was 0.65 inch above the normal for the past 17 years, falling on 10 days, viz: 4th, 8th, 9th, 13th, 15th, 16th, 20th, 24th, 26th, and 27th. Mean relative humidity, 78° 2 per cent. Prevailing direction of the wind, W; total movement, 5 694 miles; maximum velocity, 35 miles from the E, on the 16th. There were 7 clear, 9 fair, and 15 cloudy days. The warmest January in 17 years was in 1880, with a mean of 51° 3; the coldest was in 1886, with a mean of 25° 4.

BOND COUNTY—**M. S. OUDYN**, Observer, Greenville. Highest temperature, 62°, on the 16th; lowest, 9° on the 21st; range, 53°; greatest daily range, 29°, on the 30th; least, 5°, on the 13th and 14th; mean daily range, 16° 1; mean maximum temperature, 40° 8; mean minimum, 24° 7. The mean temperature of the month, 32° 9, was 6° above the normal for the past 10 years. The precipitation, 2.65 inches, was 0.11 inch above the normal for the past 6 years, falling on 8 days, viz: 8th, 9th, 13th, 13th, 14th, 15th, 16th, and 27th. Prevailing direction of the wind, NW. There were 12 clear, 8 fair, and 11 cloudy days. Total snowfall, 4.1 inches, of which none remained on the ground at the end of the month. Lunar halos on the 7th.

BOONE COUNTY—**E. L. LAWRENCE**, Observer, Belvidere. Highest temperature, 50° 0, on the 16th; lowest, —6° 0, on the 21st; range, 56° 0. The mean temperature of the month was 24° 9. The precipitation was 1.36 inches, falling on 5 days, viz: 8th, 9th, 16th, 17th,

and 20th. Prevailing direction of the wind, SW. There were 10 clear, 7 fair, and 14 cloudy days. Total snowfall, 8 inches, of which traces remained on the ground at the end of the month.

CALHOUN COUNTY—**DR. S. SOUTHWORTH**, Observer, Kampville. Highest temperature, 60° 0, on the 16th; lowest, 14° 0, on the 21st; range, 46° 0. The mean temperature of the month was 31° 9. The precipitation was 1.93 inches, falling on 5 days, viz: 9th, 13th, 16th, 20th, and 27th. Prevailing direction of the wind, NE. There were 9 clear, 12 fair, and 10 cloudy days. Total snowfall, 3.5 inches, of which none remained on the ground at the end of the month.

CARROLL COUNTY—**CHAS. H. BEELER**, Observer, Lanark. Highest temperature, 46°, on the 16th; lowest, —3° 0, on the 21st; range, 49°. The mean temperature of the month, was 26°. The precipitation was 1.66 inches, falling on 5 days, viz: 8th, 9th, 11th, 16th and 20th. Prevailing direction of the wind, S.W. There were 15 clear, 2 fair and 14 cloudy days. Total snowfall, 8.8 inches, of which none remained on the ground at the end of the month, except in drifts. Solar halos on the 4th, at 12 m.; Lunar halos on the 18th at 10 p. m. Thunderstorms on the 16th at 2:40 p. m. Parhelia on the 18th at 4 p. m. Observation taken at 6 a. m., 12 m. and 6 p. m.

CHAMPAIGN COUNTY—**DR. C. L. MYERS**, Observer, Mahomet. Highest temperature, 55°, on the 16th; lowest, 3°, on the 21st; range, 52°; greatest daily range, 27°, on the 3d; least, 5°, on the 26th; mean daily range, 14° 8; mean minimum temperature, 24°. The mean temperature of the month, 31° 4, was 14° 5 above last January. The precipitation, 1.57 inches, was 1.44 inches less than last January, falling on 8 days, viz: 8th, 9th, 10th, 13th, 15th, 16th, 20, and 26th. Prevailing direction of the wind, SW. There were 8 clear, 10 fair, and 13 cloudy days. Total snowfall, 6.96 inches, of which trace

remained on the ground at the end of the month. Solar halo on the 11th at 4 A. M.; lunar, on 11th at 9 A. M. Thunderstorm on the 16th at 4:15 P. M. This month, like December, was exceedingly mild, with many clear, dry days, the precipitation for the month being very light. The solar halo on the 11th was remarkable, being as large and nearly as bright as a true rainbow would have shown in an opposite part of the heavens. On the 24th, the sky, from the zenith south, was obscured, while north it was perfectly clear. This was the case all day, and was remarkable. The per cent. of sunshine for the month was .43.

CHAMPAIGN COUNTY—HUBERT BURR, Observer, Philo. Highest temperature, 56°, on the 16th; lowest, 2°, on the 21st; range, 54°; greatest daily range, 28°, on the 12th; least, 2°, on the 26th; mean daily range, 12° 4; mean maximum temperature, 36° 8; mean minimum, 24° 4. The mean temperature of the month, 31° 9, was 10° 6 above the mean of the past four years. The precipitation, 1.23 inches, was 0.51 inch below the mean of the past four years, falling on 6 days, viz: 8th, 9th, 13th, 15th, 19th, and 27th. Prevailing direction of the wind, SW; maximum velocity, 30 miles from the S & W, on the 17th. There were 14 clear, 5 fair, and 12 cloudy days. Total snowfall, 9.60 inches, of which 0 inches remained on the ground at the end of the month. Lunar halos on the 7th and 11th. Sleet on the 13th. Frosts on the 1st, 2d, 3d, 7, 18th, and 25th. Sunny day on the 7th. Thunder was heard on the 16th. Geese flying south on the 24th. There were about 3 inches of frost in the ground at the end of the month.

CHRISTIAN COUNTY—J. K. EBERLE, Observer, Pana. Highest temperature, 62° 0, on the 16th, lowest, 12° 0, on the 21st; range, 50° 0. The mean temperature of the month, 35° 7, was 17° 4 above the mean of the past four years. The precipitation, 2.73 inches, was 0.60 of an inch above the mean of the past six years, falling on 8 days, viz: 8th, 9th, 13th, 14th, 15th, 16th, 20th and 27th. Prevailing direction of the wind, N.W. & S.W. There were 9 clear, 10 fair and 12 cloudy days. Total snowfall, 4 inches, of which traces remained on the ground at the end of the month.

CLARK COUNTY—J. B. SHEAPLEY, Observer, Martinsville. Highest barometer, 29.55, on the 14th; lowest 28.59 on the 9th; mean 29.252; range 96. Highest temperature, 50°, on the 2nd; lowest, 10°, on the 21st; range, 40°; greatest daily range, 26°, on the 2nd; least 3°, on the 13th and 14th. The mean temperature of the month, was 31° 9. The precipitation was 1.01 of an inch falling on 7 days, viz: 8th, 9th, 13th, 15th, 16th, 20th and 27th. Prevailing direction of the wind, W. & S.W., maximum velocity, 8 miles from the W., on the 20th. There were 16 clear, 1 fair and 14 cloudy days. Total snowfall, 9 inches, of which traces remained on the ground at the end of the month. This month has been the warmest January for many years. There has not been a whole week at a time that wheat did not grow; in fact not a single day. Pastures that had been kept for late pasturing are holding out well. Turnips are being gathered fresh from the fields. The volunteer Oats are still green. Roads very bad with mud.

CLAY COUNTY—L. A. MICHELS, Observer, Flora. Highest temperature, 60°, on the 16th; lowest 14°, on the 21st; range, 46°; greatest daily range, 31° on the 3d; least 5°, on the 9th and 27th; mean daily range 15°; mean maximum temperature, 42°; mean minimum, 27°. The mean temperature of the month, 34°, was 7° above the mean of the past 3 Januarys. The precipitation, 2.60 inches, was .16 of an inch above the mean of the past 4 January's, falling on 9 days, viz: 8th, 9th, 13th, 14th, 15th, 19th, 20th, 24th and 27th. Prevailing direction of the wind, N. W. There were 13 clear, 2 fair and 16 cloudy days. Total snowfall 5.50 inches, of which none remained on the ground at the end of the month. Lunar halo on the 7th.

CLINTON COUNTY—WM. ROGAN, Observer, Irishtown. Highest temperature, 63°, on the 16th; lowest, 13°, on the 21st; range, 50°; greatest daily range, 26°, on the 21st; least daily, 1°, on the 14th; mean daily, 10° 5; mean temperature of the month, 33° 8, was 9° 9 above the mean for the past four years. The precipitation, 2.76 inches, was 0.44 inch above the mean of the past four years, falling on 6 days, viz: 8th, 9th, 13th, 15th, 20th, and 27th. There were 16 clear, 6 fair, and 9 cloudy days. Total snowfall, 3.5 inches, of which none remained on the ground at the end of the month. Wild geese hovering around and resting in cornfields on 11th, 18th, 19th, and 24th.

COLES COUNTY—WM. DOZIER, Observer, Mattoon. Highest temperature, 63°, on the 16th; lowest, 6°, on the 21st; range, 57°. The mean temperature of the month, 32°, was 7° 8 above the normal for the past nine years. The precipitation, 1.85 inches, was 0.59 of an inch below the normal for the past nine years, falling on six days, viz: 8th, 9th, 13th, 15th, 16th, 20th and 27th. Prevailing direction of the wind, W. There were 9 clear, 10 fair and 12 cloudy days. Total snowfall, 2.5 inches, of which none remained on the ground at the end of the month. On the 7th two distinct vibrations of earthquake were felt at 9:30 p.m. The direction was north and south.

COLES COUNTY—J. B. DAZEY, Observer, Charleston. Highest temperature, 58° 0, on the 16th; lowest, 0° 6, on the 21st; range, 57° 2; greatest daily range, 29° 2, on the 21st; least, 2° 0, on the 6th; mean daily range, 13° 1; mean maximum temperature, 38° 7; mean minimum, 25° 6. The mean temperature of the month was 31° 8. The precipitation was 1.80 inches, falling on 9 days, viz: 8th, 9th, 13th, 14th, 15th, 16th, 19th, 20th, and 27th. Mean relative humidity, 86.0 per cent. prevailing direction of the wind, S. There were 11 clear, 7 fair, and 13 cloudy days. Total snowfall, 2.5 inches, of which traces remained on the ground at the end of the month. Solar halo on the 22d; lunar, on the 7th, 8th, 10th, and 11th. Thunderstorm on the 16th.

COOK COUNTY—H. C. FRANKFIELD, Observer, Chicago. Highest barometer, 30.470, on the 19th; lowest, 28.960, on the 9th; mean 30.006; range, 1.510. Highest temperature, 55° 0, on the 16th; lowest, zero, on the 21st; range, 55° 0; greatest daily range, 27° 0, on the 22d; least, 2° 0, on the 6th; mean daily range, 12° 0; mean maximum temperature, 35° 0; mean minimum, 23° 0. The mean temperature of the month, 28° 4, was 4° 9 above

the normal for the past 18 years. The precipitation, 1.64 inches, was 0.54 of an inch below the normal for the past 18 years, falling on 4 days, viz: 8th, 9th, 16th and 20th. Mean relative humidity, 82.8 per cent. Prevailing direction of the wind, S.W.; total movement 78.07 miles; maximum velocity, 44 miles from the S.W., on the 17th. There were 10 clear, 8 fair and 13 cloudy days. The warmest January in 18 years was in 1880 when the mean was 40°.1 and the coldest in 1888 when it was 15°.1.

COOK COUNTY—M. D. EWELL, Observer, South Evanston. Highest temperature, 51°.6, on the 16th; lowest, -2°.6, on the 21st; range, 54°.2; greatest daily range, 17°; mean maximum temperature, 35°.1; mean minimum, 18°.1. The mean temperature of the month was 26°.6. The precipitation was 1.57 inches, falling on five days, viz: 9th, 10th, 16th, 17th and 20th. Total snowfall, 5.0 inches, of which traces remained on the ground at the end of the month.

CRAWFORD COUNTY—JNO. E. TEMPLETON, Observer, Palestine. Highest temperature, 58°, on the 16th; lowest 13°.9, on the 21st; range 44° 1; greatest daily range 26°.5, on the 12th; least daily 5°; on the 11th; mean daily 15°.2; mean maximum temperature 42°. mean minimum 26°.8; mean temperature of the month 33° 3; was 8°.7 above the normal for the past 7 Januarys. The precipitation 2.93 inches was 0.66 of an inch above the normal for the past 7 Januarys, falling on 11 days, viz: 8th, 9th, 13th, 14th, 15th, 16th, 19th, 20th, 24th, 27th and 28th. There were 10 clear, 3 fair, and 18 cloudy days. Total snowfall, 6.50 inches of which none remained on the ground at the end of the month. Lunar halo on the 24th.

DEKALB COUNTY—ROSWELL DOW, Observer, Sycamore. Highest temperature, 49°, on the 16th; lowest, -4°, on the 21st; range, 53°; greatest daily range, 24°, on the 22d; least daily, 3°, on the 7th and 27th. The mean temperature of the month 25°.3, was 10°.1 above the normal for the past eight years. The precipitation, 1.13 inches, was 1 inch less than the normal for the past eight years, falling on five days, viz: 8th, 9th, 15th, 16th and 20th, and a trace on the 6th, 12th, 17th and 31st. Prevailing direction of the wind, N.W. & S.W.; maximum velocity, 35 miles from the W., on the 16th. There were 15 clear, 2 fair and 14 cloudy days. Total snowfall, 5 inches of which only a trace remained on the ground at the end of the month. Lunar halo on the 13th. Thunderstorm on the 16th. Snow covered the ground enough to protect winter grain only from the 20th to the 23d. This was the warmest January in the past eight years, that of 1882 being only 0°.1 colder. The coldest were in 1885, 10°.2, and in 1888, 10°.3. The greatest January precipitation in that time was 4.10 inches in 1888, and the least 0.71 of an inch in 1884.

DOUGLAS COUNTY—MISS MARY ILES, Observer, Camargo. Highest temperature, 58°, on the 16th; lowest, 4°, on the 21st. Rain fell on the 8th, 13th, 14th, and 15th. Prevailing direction of the wind, W and S. There were 10 clear, 6 fair, and 15 cloudy days. Lunar halo on the 22d. There was distinct thunder and lightning on the 16th. Snow fell and covered the ground on the 27th, little remaining at the close of the

month. The weather has been very mild, with the exception of a few days.

DUPAGE COUNTY—R. F. MORGAN, Observer, Wheaton. Highest temperature, 48°, on the 16th; lowest, 6°, on the 21st; range, 54°. The mean temperature of the month was 26.9.

EDGAR COUNTY—WILBUR T. COOK, Observer, Paris. Highest temperature, 54°.0, on the 16th; lowest, 7°, on the 21st; range, 47°. The mean temperature of the month was 30°.6. The precipitation, 1.35 inches, was 0.62 inch below the mean of the past 2 years, falling on 6 days, viz: 8th, 13th, 27th, 12th, 20th, 27. Prevailing direction of the wind, S.W. There were 6 clear, 10 fair, and 15 cloudy days. Total snowfall, 2.5 inches, of which none remained on the ground at the end of the month. Thunderstorms on the 16th.

FAYETTE COUNTY—JOS. URBANI, Observer, Vandalia. Highest barometer, 30.36, on the 14th; lowest, 29.60, on the 8th; mean, 30.14; range, 0.76. Highest temperature, 58°, on the 16th; lowest, 14°, on the 21st; range, 44°; greatest daily range, 20°, on the 16th; least, 2°, on the 5th; mean daily range, 11.50; mean maximum temperature, 37° 9; mean minimum, 26°.5. The mean temperature of the month was 32.50. The precipitation was 2.20 inches, falling on 5 days, viz: 8th, 9th, 13th, 15th, 16th, and 27th. Prevailing direction of the wind, N.W. There were 10 clear, 3 fair, and 18 cloudy days. Total snowfall, 5 inches, of which a trace remained on the ground at the end of the month. Frost on 25 days.

FRANKLIN COUNTY—J. MCPHERSON, Observer, Benton. Highest temperature, 56°, on the 26th; lowest, 9°, on the 21st; range, 47°. The mean temperature of the month was 31°.5. The precipitation was 3.39 inches, falling on nine days, viz: 8th, 9th, 13th, 14th, 15th, 16th, 20th, 24th and 27th. Prevailing direction of the wind, N.W. There were 14 clear, 6 fair and 11 cloudy days. Total snowfall, 3.4 inches, of which traces remained on the ground at the end of the month.

GREENE COUNTY—P. J. BATES, Observer, White Hall. Highest temperature, 60°, on the 16th; lowest, 6°, on the 21st; range, 54°; greatest daily range, 26°, on the 30th; least daily, 0, on the 13th; mean daily range 11°.19. The mean temperature of the month, 31°.11, was 11°.5 above the mean of the past 4 years. The precipitation, 2.12 inches, was 0.26 of an inch above the mean of the past 4 years, falling on 7 days, viz: 8th, 9th, 13th, 14th, 15th, 16th and 27th. Prevailing direction of the wind, N.W. There were 13 clear, 8 fair and 10 cloudy days. Total snowfall, 3.5 inches, of which none remained on the ground at the end of the month.

HAMILTON COUNTY—W. P. GIBBS, Observer, McLeansboro. Highest temperature, 62°, on the 16th; lowest, 16°, on the 21st; range, 46°; greatest daily range, 27°, on the 12th; least daily, 5°, on the 24th; mean daily range, 13°.8; mean maximum temperature, 44°.6; mean minimum, 30°.8. The mean temperature of the month, 35°.9, was 9°.39,

above the normal for the past six years. The precipitation, 3.20 inches, was 0.54 of an inch above the normal for the past six years, falling on eleven days, viz: 8th, 9th, 13th, 15th, 16th, 19th, 20th, 24th, 26th, 27th and 28th. Prevailing direction of the wind, N.W.; maximum velocity, 25 to 39 miles from the W., on the 9th. There were 11 clear, 5 fair and 15 cloudy days. Total snowfall, 7½ inches, of which traces remained on the ground at the end of the month. Solar halos on the 22d at 1 to 3 p.m. Lunar halos on the 22d at 2 p.m. No thunder but little snow. No ice for putting up. Good deal of rain and a world of mud.

HANCOCK COUNTY—FRED C. GOSEWISCH, Observer, Keokuk, Iowa. Highest barometer, 30.410, on the 14th; lowest, 29.410, on the 16th; mean, 30.083; range, 1.000. Highest temperature, 62°, on the 16th; lowest, 1°, on the 21st; range, 61°; greatest daily range, 30°, on the 16th; least, 1°, on the 6th; mean daily range, 15° 1; mean maximum temperature, 35° 7; mean minimum, 20° 6. The mean temperature of the month, 27°, was 4° 4 above the normal for the past 17 years. The precipitation, 1.89 inches, was 0.22 inch above the normal for the past 17 years, falling on 8 days, viz: 8th, 9th, 10, 11th, 14th, 15th, 16th, and 20th. Mean relative humidity, 81.9 per cent. Prevailing direction of the wind, NW; total movement, 6,352 miles; maximum velocity, 36 miles, from the SW, on the 16th. There were 13 clear, 5 fair, and 13 cloudy days. Lunar halos on the 7th, 11th, and 22d. The highest mean temperature of any January in the past 17 years was 41.3 in 1880, and the lowest 13° 6, in 1888.

HENDERSON COUNTY—R. HODSON, Observer, Oquawka. Highest temperature, 55°, on the 16th; lowest, -6° 0, on the 21st; range, 61°. The mean temperature of the month was 31° 3. The precipitation was 2.62 inches, falling on 5 days, viz: 8th, 9th, 10th, 16th, and 20th. Prevailing direction of the wind, S. There were 12 clear, 8 fair, and 11 cloudy days. Total snowfall, 9.2 inches, of which traces remained on the ground at the end of the month.

IROQUOIS COUNTY—H. UPSALL, Observer, Watseka. Highest barometer, 30.411; on the 14th; lowest 29.348 on the 16th; mean daily, 30.065; range 1.063. Highest temperature, 56°, on the 16th; lowest daily -2° 8, on the 21st; range, 58° 8; greatest daily range, 28° 8 on the 22d; least daily, 4° 5, on the 6th; mean daily range 15° 5; mean maximum temperature, 36° 9; mean minimum, 21° 4. The mean temperature of the month, 29° 2, was 8° 8 above the mean of the past 4 years. The precipitation, 1.39 inches, was 0.48 of an inch below the mean of the past 4 years, falling on 6 days, viz: 8th, 9th, 15th, 16th, 20th and 27th. Mean relative humidity, 83 per cent. Prevailing direction of the wind, S.W.; total movement 6,455 miles; maximum velocity, 36 miles from the S.W., on the 16th. There were 15 clear, 3 fair and 13 cloudy days. Total snowfall, 5 inches, of which none remained on the ground at the end of the month. Solar halos on the 25d and 24th. Lunar halo on the 11th. Hail on the 16th.

JACKSON COUNTY—FRANK HOPKINS, Observer, Makanda. Highest barometer, 30.430, on the 1st; lowest, 29.430, on the 8th; mean, 30.126; range, 1.000. Highest temperature, 61°, on the 16th; lowest, 16°, on the

21st; range, 45°; greatest daily range, 26°, on the 3d and 30th; least daily, 4°, on the 14th; mean daily range, 14°; mean maximum temperature, 44°; mean minimum, 30°. The mean temperature of the month was 36° 7. The precipitation was 3.75 inches, falling on eight days, viz: 8th, 9th, 15th, 16th, 20th, 24th, 26th and 27th. Prevailing direction of the wind, N. There were 8 clear, 10 fair and 13 cloudy days. Total snowfall, 7 inches, of which 1 inch remained on the ground at the end of the month.

JASPER COUNTY—W. H. EIDSON, Observer, Willow Hill. Highest temperature, 56°, on the 16th; lowest, 14°, on the 21st; range, 42°. The mean temperature of the month, was 34° 5. The precipitation, was 1.83 inches, falling on 5 days, viz: 8th, 9th, 15th, 16th and 27th. Prevailing direction of the wind, W. There were 8 clear, 11 fair and 12 cloudy days. Total snowfall, 6.0 inches of which traces remained on the ground at the end of the month.

JODAVIESS COUNTY—MISS LENA BRINK and MISS MAUDE MILLER, Observers, Warren. Highest temperature, 43°, on the 4th; lowest, 2° on the 10th; range, 41°; greatest daily range, 32°, on the 23d; least, 8°, on the 8th; mean daily range, 19°; mean maximum temperature, 32.1-3°; mean minimum, 12° 7. The mean temperature of the month was 21°. The precipitation was 2.40 inches, falling on four days, viz: 7th, 16th, 19th, and 29th. Prevailing direction of the wind, S.W. There were 18 clear, 7 fair, and 7 cloudy days. Total snowfall, 13 inches, of which very little remained on the ground at the end of the month. Solar halos on the 7th and 18th. Thunderstorm on the 16th. Hail on the 16th. Dense fog January 18. Clear the day of the eclipse of the sun. There has been but one storm, on the 19th, and the wind has not been even brisk more than three days in the entire month. Stock are in fine condition.

KANE COUNTY—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.015 on the 14th and 19th; lowest 28.925, on the 9th; mean 29.915; range, 1.390. Highest temperature, 53°, on the 18th; lowest -4° 0, on the 21st; range, 57°; greatest daily range, 36°, on the 22d; least daily 2°, on the 6th; mean daily range 15°; mean maximum temperature, 35°; mean minimum, 20°. The mean temperature of the month, 26° 68, was 9° 91 above the normal for the past 10 years. The precipitation, 2.06 inches, was 0.34 of an inch below the normal for the past 10 years, falling on 5 days, 8th, 9th, 15th, 16th and 20th. Mean relative humidity, 80 per cent. Prevailing direction of the wind, S.W.; maximum velocity, 20 miles from the S.W., on the 9th. There were 8 clear, 14 fair and 9 cloudy days. Total snowfall, 6.2 inches of which none remained on the ground at the end of the month. Lunar halos on the 12th. The lowest barometer for the month was the lowest barometer I have a record of by 0.19.

KANKAKEE COUNTY—G. KNZCHT, Observer, Kankakee. Highest temperature, 50°, on the 16th; lowest, -5° 0, on the 21st; range, 55°; greatest daily range, 30°, on the 22d; least, 7°, on the 19th; mean daily range, 18° 4; mean maximum temperature, 38° 3; mean minimum, 19.9. The mean temperature of the month was 29° 1. The precipitation was 1.54 inches, falling on 7 days, viz: 5th, 9th, 10th, 15th, 16th, 19th, and 20th.

There were 12 clear, 7 fair, and 12 cloudy days. Total snowfall, $9\frac{1}{4}$ inches, of which none remained on the ground at the end of the month. Lunar halo on the 4th.

KENDALL COUNTY—J. S. SEELEY, Observer, Oswego. Highest barometer, 30.380, on the 14th; lowest, 29.965, on the 9th; mean, 30.016; range, 1.315. Highest temperature, 52°, on the 16th; lowest, -6° 0, on the 21st; range, 58°; greatest daily range, 22°, on the 25th; least, 2°, on the 6th. The mean temperature of the month, 26° 19, was 10° 5 above the normal for the past 9 years. The precipitation, 1.52 inches, was 0.48 inch below the normal for the past 9 years, falling on 4 days, viz: 8th, 9th, 15th, and 20th. Prevailing direction of the wind, NW and SW. There were 14 clear and 17 cloudy days. Total snowfall, 4.50 inches, of which a trace remained on the ground at the end of the month. Solar halos on the 28th and 30th. The warmest January since 1880

KNOX COUNTY—T. A. WETMORE, Observer, Oneida. Highest temperature, 56°, on the 16th; lowest, -6° 0, on the 21st; range, 62°; greatest daily range, 26°, on the 23d; least daily 2°, on the 7th and 8th. The mean temperature of the month, 26° 5, was 12° 9 above the mean of the past 3 years. The precipitation 1.73 inches, was 0.84 of an inch below the mean of the past 3 years, falling on 5 days, viz: 8th, 9th, 15th, 16th and 20th. Prevailing direction of the wind, W. There were 10 clear, 6 fair and 15 cloudy days. Total snowfall, 11.0 inches, of which traces remained on the ground at the end of the month. Solar halos on the 11th and 22nd. Lunar halos on the 11th and 18th. Thunderstorm on the 16th. The past month has been one of the pleasantest Januaries for years, there being but one snow storm which was accompanied by high wind and heavy snow.

LAKE COUNTY, L. R. F. GRIFFIN, Observer, Lake Forest University, Lake Forest. Highest barometer, 30.354, at 2 p.m., on the 13th; lowest, 28.963, at 2 p.m., on the 9th; mean, 29.846; range, 1.391. Highest temperature, 50°, on the 16th; lowest, -1°, on the 21st; range, 51°; greatest daily range, 33°, on the 20th; least daily, 3° 5, on the 7th; mean daily range, 16° 5; mean maximum temperature, 35° 28; mean minimum, 17° 3. The mean temperature of the month, 26° 8, was 8° 5 above the mean of the past three years. The precipitation, 1.62 inches, was 0.77 of an inch below the mean of the past three years, falling on six days, viz: 6th, 8th, 9th, 15th, 16th and 20th. Mean relative humidity, 80.3 per cent. Prevailing direction of the wind, N.W. There were 6 clear, 16 fair and 9 cloudy days. Total snowfall, 7.25 inches, of which none remained on the ground at the end of the month. Thunderstorm on the 16th. Meteor on the 25th. January 9th the barometer fell during the night and early morning with remarkable rapidity, passing below the drum of the recording instrument soon after 7 a.m. The reading at 2 p.m. was obtained from a neighboring instrument. The lowest point was not far from noon, and the record commenced again about 4 p.m. A very high wind commenced about 9 a.m. almost immediately followed by a change from rain to snow.

LASALLE COUNTY—Dr. J. O. HARRIS, Observer, Ottawa. Highest temperature, 57°,

on the 16th; lowest, -6° 0 on the 21st; range, 63°; greatest daily range, 26°, on the 25th; least daily 4°, on the 5th, 6th and 27th; mean daily range, 16° 17, mean maximum temperature, 34° 76; mean minimum, 18° 61. The mean temperature of the month, 26° 24. The precipitation, 1.91 inches, falling on 6 days, viz: 8th, 9th, 10th, 11th, 15th and 20th. Prevailing direction of the wind, N.W. & S.W. There were 3 clear, 11 fair and 17 cloudy days. Total snowfall, 7.5 inches, of which none remained on the ground at the end of the month. Lunar halos on the 11th and 18th.

LAWRENCE COUNTY—J. A. FYFFE, Observer, Sumner. Highest temperature, 58°, on the 16th; lowest, 10°, on the 21st; range, 48°; greatest daily range, 52°, on the 16th. The mean temperature of the month, 34°, was 6° 10 above the mean of the past 3 years. The precipitation, 3.20 inches, was 1.13 inch above the mean of the past 3 years, falling on 13 days, viz: 8th, 9th, 13th, 14th, 15th, 16th, 19th, 20th, 24th, 25th, 26th, 27th, and 28th. Prevailing direction of the wind, SW; maximum velocity, 7 miles from the W, on the 9th. There were 14 clear, 4 fair, and 13 cloudy days. Total snowfall, 6.50 inches, of which .50 inches remained on the ground at the end of the month. Solar halo on the 5th. On the 11th a brilliant meteor fell at 6 p. m. Hail on the 16th. On the 24th wild geese were flying north.

LIVINGSTON COUNTY—ISAAC YOUNG, Observer, Pontiac. Highest temperature, 54°, on the 16th; lowest, 4° below, on the 21st; range, 58°; greatest daily range, 28°, on the 21st; least, 2°, on the 9th and 27th. The mean temperature of the month was 28° 9. The precipitation was 1.39 inches, falling on 5 days, viz: 8th, 15th, and 16th, snow on the 9th and 20th. A blizzard on the 9th. Prevailing direction of the wind, W., NW and W. There were 9 clear, 13 fair, and 9 cloudy. Total snowfall, 3.95 inches, of which none remained on the ground at the end of the month. Thunderstorms on the 16th, with beautiful rainbow in the north-east. At times the sky had the deep blue it has in April. Parhelia on the 23d and 28th. Red sunsets, with deep, dark yellow shading, on the 4th and 25th.

LIVINGSTON COUNTY, H. D. FISK, Observer, Dwight. Highest temperature, 56, 6°, on the 16th; lowest, -7° 6, on the 21st; range, 64.2°; greatest daily range, 37.2°, on the 22d; least, 2° 5, on the 6th; mean daily range, 17.55°; mean maximum temperature, 37.05° mean minimum, 19.50°. The mean temperature of the month was 28.2°. The precipitation was 1.47 inches, falling on 6 days, viz: 8th, 9th, 15th, 16th, 20th, 27th. Prevailing direction of the wind, S.W. There were 12 clear, 3 fair, and 16 cloudy days. Total snowfall, 5.95 inches, of which traces remained on the ground at the end of the month. Eclipse of the sun on the 1st, in the afternoon.

LOGAN COUNTY, L. H. SULLIVAN, Observer, Beason. Highest temperature, 55°, the 16th; lowest, -1° 0, on the 21st; range, 56. The mean temperature of the month, 33.1, was the normal for the past. The precipitation, 1.72 inches, was the normal for the past, falling on eight days, viz: 7th, 9th, 11th, 13th, 14th, 15th, 16th, 20th. Prevailing direction of the wind, SW. There were 11 clear, 11 fair and 9 cloudy days. Total snow-

fall, 55 inches, of which none remained on the ground at the end of the month; 1.75 inches remained on the 15th. Solar halos on the 19th and 22d; lunar on the 11th. The month has been unusually warm; what snow fell all melted in a short time. Frosts on the 1st, 2d, 3d, 4th, 7th, 10th, 18th, 19th, 21st, 23d, 24th, 25th, 26th, 30th.

MADISON COUNTY—J. L. R. WADSWORTH, Observer, Collinsville. Highest temperature 62°, on the 16th; lowest, 12°, on the 21st; range, 50°; greatest daily range, 25°, on the 16th and 30th; least daily 5°, on the 14th; mean daily range 13°.8; mean maximum temperature, 40°.3; mean minimum, 26°.4. The mean temperature of the month, 33°.4, was 8°.6 more than the normal for the past 9 years.

MARION COUNTY—J. L. HALLAM, Observer, Centralia. Highest temperature, 60°, on the 16th; lowest, 12°, on the 21st; range, 48°; greatest daily range, 24°, on the 30th; least daily, 2° on the 9th; mean maximum temperature, 33°; mean minimum, 28°. The mean temperature of the month was 33°. The precipitation was 3.52 inches, falling on eight days, viz: 8th, 9th, 13th, 14th, 15th, 20th, 24th and 27th. Prevailing direction of the wind, S.E.; maximum velocity, 20 miles from the N.W., on the 31st. There were 10 clear, 6 fair and 15 cloudy days. Total snowfall, 7 inches, of which none remained on the ground at the end of the month.

MARSHALL COUNTY—Rev. A. C. PRICE, Observer, Lacon. Highest barometer, 31.08, on the 14th; lowest 28.60 on the 9th; mean 29.70; range 1.48. Highest temperature, 57°, on the 16th; lowest 4°, on the 21st; range, 53°; greatest daily range, 24°.0 on the 24th; least, 3°.0 on the 7th; mean daily range, 13°.2. The mean temperature of the month, 26°.8, was 15° above the past year. The precipitation, 22.8 inches, was 0.01 of an inch below the past year, falling on 5 days, viz: 8th, 10th, 15th, 16th and 20th. Prevailing direction of the wind, S.W. There were 16 clear, 3 fair and 12 cloudy days. Total snowfall, 7.75 inches, of which none remained on the ground at the end of the month. Lunar halo on the 11th. Thunder on the 16th. Lightning on the 8th. Frost on the 2d, 3d, 4th, 5th, 18th, 19th, 24th, 25th and 26th. Brilliant rainbow on the 16th. Fog on the 15th. Snow fell on the 8th, 9th, 10th, 15th, 20th, 27th and 31st, on some of these days it was very light and melted rapidly. The Illinois River closed on the 21st. No snow on the ground on the 16th.

MCHEHRY COUNTY. GEO. D. SILLIMAN, Observer, Woodstock. Highest temperature, 49°, on the 16th; lowest, -11°.0, on the 21st; range, 60°; greatest daily range, 33°, on the 22d; least daily range, 2°, on the 6th; mean daily, 14°.3; mean maximum, 30°.7; mean minimum temperature, 16°.3; mean temperature of the month, 23°.41, which was 9°.73 above the normal for the past four Januaries. The precipitation, 2.25 inches, was .49° of an inch below the normal for the past four Januaries, falling on six days, viz: 6th, 8th, 9th, 15th, 17th, and 21st. There were 12 clear days, 6 fair, and 13 cloudy. Total snowfall, 7.5 inches, of which 1 inch remained on the ground at the end of the month. Solar halos on 4th and 19th; lunar halos on 11th and 13th; fog on 7th; parhelia on 11th and 18th.

MCHEHRY COUNTY—JOHN W. JAMES, Observer, Riley. Highest temperature, 47°.8, on the 16th; lowest, -5°.8, on the 21st; range, 53°.6; greatest daily range, 22°.1, on the 20th to 21st; east 1°. The mean temperature of the month, 24°.0, was 7°.5 above the normal for the past 26 years. The precipitation, 1.86 inches, was 0.05 inch below the normal for the past 28 years, falling on 6 days, viz: 6th, 8th, 9th, 15th, 16th, 20th. Prevailing direction of the wind, W. and NW. There were 11 clear, 6 fair and 14 cloudy days. Total snowfall, 6½ inches, of which traces remained on the ground at the end of the month. Solar halos on the 4th, 19th, 23d; lunar on the 11th, 13th, 19th. Polar bands 31st. Thunderstorms on the 6th. Frost every day of the month. In 26 years, only January 1863, 1869, 1876, 1878 and 1880, were warmer. Month generally dry, two-thirds of the whole precipitation fell on 8th and 9th. Only 5 days sleighing (10th to 15th, 21st and 22d), and poor at that. Sunshine, 48 per cent. No sunspots seen at any time this month; the first half of the month was very cloudy (69 per cent.) and unfavorable for these observations. Barnard's comet seen, with power of 35 till 26th, when its light was overpowered by the great brilliancy of the planet Venus, then within 3 degrees of it.

MENARD COUNTY—W. L. STEVENSON, Observer, Petersburg. Highest temperature, 62°, on the 16th; lowest, 4°, on the 21st; range, 58°. The mean temperature of the month was 34°.5. Precipitation on 11 days, viz: 8th, 9th, 10th, 13th, 14th, 15th, 16th, 19th, 20th, 27th and 31st. Prevailing direction of the wind S.W. There were 12 clear, 9 fair and 10 cloudy days. Total snowfall, 10.88 inches, of which traces remained on the ground at the end of the month. Frost visible on eighteen days. Ground frozen only a few inches. The month all through was more like spring than winter, except on the 11th and 21st. From the 4th until the 10th inclusive smoke and haze were thick.

MERCER COUNTY—TYLER MCWHORTER, Observer, Aledo. Highest temperature, 58°, on the 16th; lowest, -8°.0, on the 21st; range, 66°; greatest daily range, 31°.6, on the 21st; least, 0.5, on the 8th. The mean temperature of the month was 27°. The precipitation was 1.37 inches, falling on 6 days, viz: 8th, 9th, 10th, 15th, 16th, and 20th. Prevailing direction of the wind, SW. There were 10 clear, 9 fair, and 12 cloudy days. Total snowfall, 4 inches, of which traces remained on the ground at the end of the month.

OGLE COUNTY—WM. FEARY, Observer, Mt. Morris. Highest temperature, 51°, on the 16th; lowest -8°.0, on the 21st; range, 59°; greatest daily range, 30° on the 22d; least daily 3°, on the 6th; mean daily range 15°.11; mean maximum temperature, 33°.3; mean minimum, 18°.14. The mean temperature of the month, 24°.2°, was 11.17° above January 1885. The precipitation, was 3.01 inches, falling on 5 days, viz: 8th, 9th, 15th, 16th and 20th. Prevailing direction of the wind; W.; maximum velocity, High from the W., on the 9th. There were 15 clear, 4 fair and 12 cloudy days. Total snowfall, 11 inches, of which traces remained on the ground at the end of the month. Solar halos on the 4th, 19th and 23d. Lunar halos on the 11th and 18th. Thunderstorm on the 16th, 5 pm. Frost every day except the 16th. Fog on the 7th, 8th, 15th and 16th. Rainbow on the 16th

PEORIA COUNTY—DR. FRED BRENDEN, Observer, Peoria. Highest barometer, 29.922, on the 14th; lowest, 28.745, on the 9th; mean, 29.570; range, 1.177. Highest temperature, 60°, on the 16th; lowest, zero, on the 21st; range, 60°; greatest daily range, 25°, on the 16th; least daily, 2°, on the 26th; mean daily range, 13°.7; mean maximum temperature, 37°; mean minimum, 23°.3. The mean temperature of the month, 30°.5, was 6° 3 above the normal for the past 33 years. The precipitation, 1.70 inches, was 0.06 of an inch above the normal for the past 33 years, falling on five days, viz: 8th, 9th, 15th, 20th and 26th. Mean relative humidity, 73 per cent. Prevailing direction of the wind, W & N W. There were 10 clear, 11 fair and 10 cloudy days. Total snowfall, 2.5 inches, of which traces remained on the ground at the end of month. The highest mean temperature of any January in 33 years was 49°.9 in 1880; and the lowest was 13°.2, in 1857. The greatest monthly precipitation was 4.27 inches, in 1862; and the least was 0.20 of an inch in 1872. The highest temperature recorded in the same period was 55°, in 1864; and the lowest was -27°, in 1884.

PERRY COUNTY. — CHAS. ZIEGLER, Observer, Old DuQuoin. Highest temperature, 60°, on the 16th; lowest, 17°, on the 21st; range, 43°; greatest daily range, 25°, on the 12th; least, 3°, on the 8th; mean daily range, 12°.8; mean maximum temperature, 42°; mean minimum, 29°.1. The mean temperature of the month, 35°.5, was 3.4 above the normal for the past twenty-six years. The precipitation, 2.80 inches, was 0.37 inch above the normal for the past twenty-six years, falling on seven days, viz: 8th, 9th, 15th, 20th, 24th, and 27th. Prevailing direction of the wind, N.W. and S.W. There were 10 clear, 8 fair, and 13 cloudy days. Total snowfall, 4.5 inches, of which traces remained on the ground at the end of the month. Winter wheat not lifted nor frozen at all; in excellent condition. Volunteer oats all living yet. Fruit buds slightly, but not dangerously, swelled.

PIATT COUNTY—J. W. C. GRAY, Observer, Atwood. Highest temperature, 56°, on the 16th; lowest, zero, on the 21st; range 56°; greatest daily range, 20°, on the 12th; least, 1°, on the 6th, 11th, 16th, 31st; mean daily range, 6°.14; mean maximum temperature, 30°.7; mean minimum, 23°.11. The precipitation was 2.18 inches, falling on five days, viz: 8th, 14th, 15th, 16th, and 20th. Prevailing direction of the wind, SW. There were 14 clear, 3 fair, and 14 cloudy days. Total snowfall, 3 inches, of which none remained on the ground at the end of the month. Solar halos on 10th, 19th, 22d, 23d; lunar, on the 10th and 11th. No thunder in the month. Mild and pleasant, beyond the recollection of the oldest settlers here. Very little rain or snow during the month.

PIKE COUNTY,—C. H. OAKFORD, Observer, Grigsbyville. Highest temperature, 60°, on the 16th; lowest, 2°, on the 21st; range, 58°; greatest daily range, 26°, on the 21st; least, 2°, on the 28th. The mean temperature of the month, 27°.2, was 11.7 above mean of the past three years. The precipitation, 2.84 inches, was 1.00 inch above the normal for the past 7 years, falling on 8 days, viz: 8th, 9th, 10th, 13th, 14th, 15th, 20th and 27th. Prevailing direction of the wind, NW. There were 14 clear, 2 fair and 15 cloudy days. Total snowfall, 7.45 inches,

of which none remained on the ground at the end of the month

POPE COUNTY—J. E. Y. HANNA, Observer, Golconda. Highest temperature, 58°, on the 13th and 14th; lowest, 16°, on the 28th; range, 42°; greatest daily range, 30°, on the 12th; least daily, 2°, on the 8th, 9th, 24th; mean daily range, 13°. The mean temperature of the month, 37°.1, was 5.5° above the normal for the past 11 years. The precipitation, 4.54 inches, was 1.24 of an inch above the normal for the past 11 years, falling on 9 days, viz: 8th, 9th, 15th, 16th, 20th, 24th, 25th, 26th and 27th. Prevailing direction of the wind, W.; maximum velocity, 35 miles from the N.W., on the 5th. There were 9 clear, 11 fair and 11 cloudy days. Total snowfall, 3.5 inches, of which a trace remained on the ground at the end of the month. Lunar halo on the 13th. Frost on the 1st, 2nd, 3d, 7th, 10th, 12th, 17th, 18th, 19th, 21st, 22d and 31st. Frogs heard on the 25th. Mean cloudiness of the month 58 per cent.

PUTNAM COUNTY—A. T. PURVIECE, Observer, Hennepin. Highest temperature, 58°, on the 18th; lowest, 3° below, on the 11th; range, 61.0; greatest daily range, 46°, on the 18th; least, 7°, on the 7th; mean daily range, 20.0; mean maximum temperature, 36.8; mean minimum, 16.1. The mean temperature of the month was 26.4. The precipitation was 1.65 inches, falling on 11 days, viz: 8th, 9th, 16th and 20th. Prevailing direction of the wind, SW. There were 14 clear, 5 fair and 12 cloudy days. Total snowfall, 8.50 inches, of which none remained on the ground at the end of the month, excepting on north hillsides and when drifted. Four inches of ice in the river at Hennepin.

RANDOLPH COUNTY—W. J. S. CATHCART, Observer, Jordan's Grove. Highest temperature, 62°, on the 16th; lowest, 16°, on the 21st; range, 46°; greatest daily range, 28°, on the 2d; least daily, 3°, on the 14th; mean daily range, 13°.4; mean maximum temperature, 41°.3; mean minimum, 27°.9. The mean temperature of the month, 33°.9, was 9° above that of January, 1888. The precipitation, 3.55 inches, was 1.38 inches above that of January, 1888, falling on eleven days, viz: 8th, 9th, 13th, 14th, 15th, 16th, 19th, 20th, 24th, 25th and 27th. Prevailing direction of the wind, N.W.; maximum velocity, high, from the S.W., on the 16th. There were 7 clear, 12 fair and 12 cloudy days. Total snowfall, 7.25 inches, of which only a trace remained on the ground at the end of the month. Lunar halos on the 22d and 24th. The first day of the month was clear; the eclipse of the sun was visible until near the horizon, when it was obscured by a stratus. There were several days during the month so warm that bees were out thick in the middle of the day. About two and a quarter inches of snow fell on the 9th, but it soon melted; and on the 27th about five inches fell, which is all gone except in drifts and in sheltered places. There was no snow on the ground on the 15th, and only in sheltered places on the last day of the month. Frosts were frequent during the month.

RICHLAND COUNTY—MISS CLEMENTINE FAHS, Observer, Olney. Highest temperature, 56°, on the 16th; lowest, 13°, on the 21st; range, 43°; greatest daily range, 23°, on the 3d; least, 5°, on the 13th and 14th; mean daily range, 11°.7. The mean temperature

of the month was 34°.4. The precipitation was 2.73 inches, falling on 12 days, 3d, 8th, 7th, 15th, 16th, 19th, 20th, 23d, 24th, 25th, 26th, 27th, 28th. Prevailing direction of the wind, N.W. and S.E. There were 8 clear, 2 fair, and 21 cloudy days. Total snowfall, 3 inches, of which a small quantity remained on the ground at the end of the month. Solar halos on the 4th, 19th, 22d, and 35th; lunar, on the 7th, 12th, 22d, and 23d. White frosts on the 1st, 2d, 3d, 6th, 12th, 17th, 19th, 20th, 22d, and 23d. Blue birds were here the first day of the month; wrens, meadow larks and robins during the month.

ROCK ISLAND COUNTY—JNO. FITZGERALD, Observer, Davenport. Highest barometer, 30.460, on the 14th; lowest, 29.250, on the 9th; mean, 30.048; range, 1.210; highest temperature, 55°, on the 16th; lowest—1° 0. on the 21st; range, 56°; greatest daily range, 27°, on the 21st; least, 4°, on the 6th; mean daily range, 14°.5; mean maximum temperature, 33°.6; mean minimum, 19°.2. The mean temperature of the month, 25°.2, was 3°.1 above the normal for the past seventeen years. The precipitation 0.95 inch, was 0.72 inch below the normal for the past seventeen years, falling on six days, viz: 7th, 8th, 9th, 15th, 16th, 20th. Mean relative humidity, 78.9 per cent. Prevailing direction of the wind, N.W.; total movement, 6072 miles; maximum velocity, 40 miles from the S.W., on the 16th. There were 15 clear, 3 fair, and 13 cloudy days. The warmest January in seventeen years was in 1880, with a mean of 37°.6. The coldest was in 1875, when it was 9°.4.

SANGAMON COUNTY—JOHN CRAIG, Observer, Springfield. Highest barometer, 30.410, on the 19th; lowest, 29.340, on the 9th; mean, 30.078; range, 1.070. Highest temperature, 58°, on the 16th; lowest, 2°.3, on the 21st; range, 55°.7; greatest daily range, 26°.2, on the 30th; least daily, 4°.1, on the 6th; mean daily range, 14°.3; mean maximum temperature, 33°.9; mean minimum, 23°.6. The mean temperature of the month, 29°, was 4°.2 above the normal for the past nine years. The precipitation, 2.13 inches, was 0.06 of an inch above the normal for the past nine years, falling on seven days, viz: 8th, 9th, 13th, 14th, 15th, 16th and 20th. Mean relative humidity, 77.7 per cent. Prevailing direction of the wind, N.W.; total movement, 7,408 miles; maximum velocity, 40 miles from the N.W., on the 9th. There were 9 clear, 8 fair and 14 cloudy days. Solar halos on the 4th, 22d and 25th. Lunar halos on the 10th, 11th and 22d. The highest mean temperature for any January in the past nine years was 43°.7, in 1880, and the lowest was 17°.5 in 1888.

SCHUYLER COUNTY—N. T. VEATCH, Observer, Rushville. Highest temperature, 57°, on the 16th; lowest, 1°, on the 21st; range, 56°. The mean temperature of the month was 29°.7. The precipitation was 1.70 inches, falling on three days, viz: 8th, 9th and 13th. Prevailing direction of the wind, W. Total snowfall, 8.5 inches, of which traces remained on the ground at the end of the month.

SHELBY COUNTY—A. H. HATCH, Observer, Windsor. Highest barometer, 30.387, on the 31st; lowest, 29.216, on the 9th; mean, 30.006; range, 1.171. Highest temperature, 58°.5, on the 16th; lowest, 5°, on the 21st;

range, 53°.5; greatest daily range, 26°.5, on the 2d; least daily, 5°.5, on the 6th; mean daily range, 15°.8; mean maximum temperature, 40°; mean minimum, 24°.2. The mean temperature of the month, 32°.1, was 12° above the mean of the past four years. The precipitation, 1.97 inches, was 1.04 of an inch below the mean of the past four years, falling on nine days, viz: 8th, 9th, 13th, 14th, 15th, 16th, 20th, 27th and 28th. Mean relative humidity, 79.1 per cent. Prevailing direction of the wind, N.W.; total movement, 6,263 miles; maximum velocity, 28 miles from the S.E., on the 16th. There were 10 clear, 11 fair and 10 cloudy days. Total snowfall, 9 inches, of which none remained on the ground at the end of the month. Snow fell on the 9th, 20th, 27th and 28th, all gone by the end of the month.

ST. CLAIR COUNTY—DR. G. LEIBROCK, Observer, Mascoutah. Highest temperature, 60°, on the 16th; lowest, 10°, on the 21st; range, 50°; greatest daily range, 35°, on the 3d; least daily, 2°, on the 30th; mean daily range, 15°.5; mean maximum temperature, 39°.3; mean minimum, 24°.8. The mean temperature of the month was 32°. The precipitation was 2.65 inches, falling on five days, viz: 8th, 9th, 14th, 16th and 20th. Prevailing direction of the wind, N. There were 10 clear, 8 fair and 13 cloudy days. Total snowfall, 6 inches, of which none remained on the ground at the end of the month.

STEPHENSON COUNTY—JOHN WRIGHT, Observer, Cedarville. Highest temperature, 48°, on the 16th; lowest, -7°, on the 21st; range, 55°; greatest daily range, 29°, on the 1st; least daily, 3°, on the 8th. The mean temperature of the month, 23°.5, was above the normal for the past eight years. The precipitation, 1.39 inches, was 0.79 of an inch below the mean of the past three years, falling on five days, viz: 8th, 9th, 15th, 16th and 20th. Prevailing direction of the wind, N.W.; maximum velocity, high, on the 16th. There were 16 clear, 1 fair and 14 cloudy days. Total snowfall, 12 inches, of which 1 inch remained on the ground on the end of the month. Solar halo on the 13th. Lunar halo on the 11th. Thunderstorm on the 16th, and in the evening a very bright rain-bow a little north of east. Dense fog on the evening of the 16th, and lasted until about noon. White frost on the 4th, 11th and 24th. Grain fields in most places without snow, which is hard on the winter grain.

TAZEWELL COUNTY—REV. J. E. TERBORG, Observer, Pekin. Highest barometer, 30.728, on the 16th; lowest 29.454 on the 9th; mean 30.303; range 1.274. Highest temperature, 6°. on the 16th; lowest, -3°.0, on the 21st; range, 63°; greatest daily range, 36°, on the 1st; least 3°, on the 9th; mean daily range 17°; mean maximum temperature, 38°; mean minimum, 21°. The mean temperature of the month, 31°.4, was 15°. above the mean of the past 3 years. The precipitation, 2.15 inches, was 0.08 of an inch above the mean of the past 4 years, falling on 6 days, viz: 8th, 9th, 10th, 15th, 16th and 27th. Mean relative humidity, 78.4 per cent. Prevailing direction of the wind, W. & S.W.; maximum velocity, 40 miles from the N.W., on the 9th. There were 15 clear, 2 fair and 14 cloudy days. Total snowfall, 6.5 inches, of which none remained on the ground at the end of the month. Solar halo on the 10th. Lunar halos on the 4th and 11th. Frost every night ex-

cept on the 16th. Mean Dewpoint 25. Average sunheat 50, sunshine 52 per cent. Winds followed by rain N.W. S.E. & S.W.; followed by clear or fair weather N.W. S. & S.W. A steam canalboat passed down the Illinois River on the 31st.

WASHINGTON COUNTY—A.G. TUCKER, Observer, Richview. Highest barometer; 30.376, on the 1st; lowest, 29.319, on the 8th; mean, 30.059; range, 1.049. Highest temperature, 60° 9, on the 16th; lowest, 12° 7, on the 21st; range, 48° 2; greatest daily range, 27° 6, on the 12th; least, 2° 5, on the 9th; mean daily range, 13.5; mean maximum temperature, 40° 6; mean minimum, 27° 2. The mean temperature of the month, 34° 5, was 7° 8 degrees above the mean of the past four years. The precipitation, 3.26 inches, was 0.40 inch above the mean of the past four years, falling on 10 days, viz: 8th, 9th, 13th, 14, 16th, 19th, 20th, 24th and 27th. Snow fell on the 9th and 27th. Mean relative humidity, 81.7 per cent. Prevailing direction of the wind, NW; strong from the west on the 9th. There were 8 clear, 10 fair, and 13 cloudy days. Total snowfall, 7.10 inches, of which 1 inch remained on the ground at the end of the month. There was no snow on the ground on the 15th.

WAYNE COUNTY—JACOB HALL, Observer, Fairfield. Highest temperature, 62° on the 16th; lowest, 18°, on the 21st; range, 44°; greatest daily range, 27°, on the 3d; least, 1°, on the 14th; mean daily range, 9° 18; mean maximum temperature, 52° 18; mean

minimum, 33°. The mean temperature of the month, 37° 26, was 11° 6 above the normal for the past six years. The precipitation, 2.65 inches, was 15-100 inch above the normal for the past six years, falling on 8 days, viz: 8th, 9th, 12th, 14th, 15th, 16th, 24th and 27th. Prevailing direction of the wind, SE, S, SW. There were 11 clear, 9 fair, and 11 cloudy days. Total snowfall, 7.99-100 inches, of which 4 inch remained on the ground at the end of the month. Lunar halo on the 7th. On the 16th there was a high wind from the southwest; temperature 64° at 3:43 p. m.; temperature 58° at 4:45 p. m.; temperature 61° at 6:55 p. m.; temperature 59° at 7:20 p. m. The best prospect ever witnessed for a tornado. The heavens were grand beyond description.

WINNEBAGO COUNTY—FRANK OSBORN, Observer, Winnebago. Highest temperature, 52°, on the 16th; lowest, —8° 0, on the 21st; range, 60°; greatest daily range, 22, on the 21st; least 2°, on the 6th. The mean temperature of the month was 23° 5. The precipitation was 1.18 inches, falling on 7 days, viz: 8th, 9th, 15th, 16th, 19th, 20th, 31st. Prevailing direction of the wind, W. There were 13 clear, 5 fair, and 13 cloudy days. Total snowfall, 11.60 inches, of which 1 inch remained on the ground at the end of the month. Solar halos on the 4th, 10th, 11th, 13th, 18th, 19th, 21st, 28th, and 29th; lunar, on the 11th. Thunderstorm on the 16th. Meteors seen on the 31st. Parhelia on the 18th. Zodiacal light on the evenings of the 10th and 11th.

SCHOOL REPORTS.

The complete January Reports received are as follows:

SCOTT COUNTY—WM. GAY, Observer, Winchester. Highest temperature, 63°, on the 16th; lowest, -6°.0, on the 21st. range, 69°; greatest daily range, 37°, on the 6th; least daily 6°, on the 14th; mean daily range 25°.4; mean maximum temperature, 44°.9; mean minimum, 19°.5. The mean temperature of the month, was 32°.9. The precipitation, was 2.88 inches, falling on 6 days, viz: 8th, 9th, 13th, 15th, 16th and 20th. Prevailing direction of the wind, W. & N.W. There were 9 clear, 11 fair and 11 cloudy days. Total snowfall, 6.2 inches of which none remained on the ground at the end of the month.

FORD COUNTY—FRED SPAULDING AND FRANK HAUPT, Observers, Gibson City. Highest temperature, 53°, on the 16th, lowest, -3°.0, on the 21st; range, 56°. The mean temperature of the month, was 28°.8. The precipitation, was 1.36 inches, falling on 5 days, viz: 8th, 9th, 13th, 16th and 20th. Prevailing direction of the wind, S.W. There were 10 clear, 8 fair and 13 cloudy days. Total snowfall, 5 inches, of which none remained on the ground at the end of the month. Thunderstorm on the 16th.

TAZEWELL COUNTY, C. L. FARRINGTON, Observer, Brush Hill. Highest temperature, +60°, on the 16th; lowest, -2°.0, on the 21st; range, 62°; greatest daily range, +26°, on the 21st; least daily, 3°, on the 6th; mean daily range 13.3°. The mean temperature of the month, +31.6°, was 15.6° above the mean of the past year, falling on 7 days, viz: 8th, 9th, 10th, 15th, 16th, 20th and 27th. Prevailing direction of the wind, N.W. maximum velocity, High from the N.W., on the 9th and 16th. There were 13 clear, 3 fair and 15 cloudy days. Total snowfall, 9.8 inches, of which none remained on the ground at the end of the month. Frost's daily except 15th and 16th. Hail on the 16th. Fog on the 8th. Eclipse of the sun on the 1st. Eclipse of the moon on the 16th.

McHENRY COUNTY—MAY G. HAMILTON, Observer, Nunda. Highest temperature, 65°, on the 16th; lowest, -4°.0, on the 21st; range, 69°. The mean temperature of the month, was 25°.3. The precipitation, 1.40 inches, falling on 5 days, viz: 6th, 8th, 9th, 16th and 20th. Prevailing direction of the wind, S.W. There were 9 clear, 10 fair and 12 cloudy days. Total snowfall, 6.7 inches, of which none remained on the ground at the end of the month.

COOK COUNTY—JAMES F. PORTER, Observer, Lake View High School. Highest bar-30.05, on the 24th; lowest 28.80, on the 9th; mean 29.43; range 1.25. Highest temperature, 52°, on the 17th; lowest, -2°.0, on the 21st; range, 54°; greatest daily range, 29°, on the 22nd; least daily 8°, on the 15th; mean daily range 19°; mean maximum temperature, 38°; mean minimum 19°. The mean temperature of the month, 28°. The precipitation, 2.22 inches, falling on 9 days, viz: 6th, 7th, 8th, 9th, 15th, 16th, 17th, 20th and 31st. Prevailing direction of the wind, S.W. There were 16 clear, 3 fair and 12 cloudy days. Total snowfall, 7 inches, of which none remained on the ground at the end of the month. 4

BAROMETER FOR JANUARY, 1889.

STATIONS.	Mean.	Highest.	Date.	Lowest.	Date.	Range.
NORTHERN DIVISION.						
Lake Forrest.....	29.486	30.354	13	28.963	9	1.391
Chicago.....	30.006	30.470	19	28.960	9	1.510
Aurora.....	29.915	30.315	19	28.925	9	1.390
Oswego.....	30.016	30.380	14	29.065	9	1.315
*Lacon.....	29.70	30.080	14	28.600	9	1.480
*Peoria.....	29.570	29.922	14	28.745	6	1.177
Watseka.....	30.065	30.411	14	29.348	16	1.063
Kankakee.....						
Davenport, Ia.....	30.045	30.460	14	29.250	9	1.210
Wataga.....						
Warren.....						
Rockford.....						
Mean.....	29.083					
CENTRAL DIVISION.						
Pekin.....	30.303	30.728	14	29.454	9	1.274
Keokuk, Ia.....	30.083	30.410	14	29.410	16	1.000
Hoopeston.....						
Springfield.....	30.078	30.410	19	30.340	9	1.070
Griggsville.....						
Windsor.....	30.006	30.387	31	29.216	9	1.161
*Martinsville.....	29.252	29.550	14	28.590	9	0.960
Jacksonville.....						
Philo.....						
Mean.....	30.105					
SOUTHERN DIVISION.						
Vandalia.....	30.140	30.360	14	29.600	8	0.760
St. Louis Mo.....						
Richview.....	30.059	30.376	1	29.327	8	1.049
Cairo.....	30.096	30.390	1	29.370	8	1.020
Makanda.....	30.126	30.43	1	29.430	8	1.000
Mean.....	30.105					
State.....	30.064					

*Not corrected for elevation.

SOUTHERN DIVISION.

SOUTHERN DIVISION.																																
39	45	50	42	45	38	45	48	43	40	36	46	48	40	51	58	42	35	37	40	31	51	46	46	49	49	32	25	30	42	34	42	0
Crawford....	Palestine....																															
39	43	45	44	35	37	37	45	36	37	28	42	38	46	58	37	32	35	32	33	30	44	47	45	44	36	24	32	40	36	37	9	
Fayette.....	Vandalia.....																															
41	47	53	44	38	35	34	45	36	40	38	45	39	37	47	62	40	37	37	33	35	45	53	49	45	39	27	26	32	47	40	8	
Bond.....	Greenville..																															
.....	Flora.....																															
.....	St. Clair.....																															
.....	Madison.....																															
38	44	48	44	37	38	35	46	34	39	39	44	41	38	48	62	38	38	36	34	35	51	48	45	43	39	28	32	19	42	40	3	
Collinsville..																																
54	56	47	54	32	42	44	30	46	34	32	46	34	38	45	63	45	30	36	28	46	56	40	46	34	23	29	30	10	36	49	3	
St. Clair.....	Wash.																															
40	49	51	47	34	32	45	45	29	41	35	49	42	39	47	61	41	36	35	36	46	54	43	47	41	23	25	32	16	32	40	6	
Richview....																																
.....	Saline.....																															
36	46	48	48	35	39	51	46	33	39	35	49	45	43	48	60	43	38	38	37	40	48	51	54	50	41	25	30	38	45	34	12	0
Harrisburg..	Perry.....																															
.....	Old DuQuoin																															
39	51	34	46	43	43	55	46	36	44	38	50	55	51	52	62	48	42	41	45	38	47	53	47	47	45	25	23	32	49	38	44	6
Alexander....	Cairo.....																															
.....	Jackson.....																															
40	50	56	47	50	38	52	54	40	42	45	50	47	46	40	61	43	42	40	59	36	40	56	50	55	40	26	26	40	47	42	44	0
Mean.....																																
.....	State.....																															
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SOUTHERN DIVISION.

Crawford	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Palatine	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Fayette	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Vandalia	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Bond	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Greenville	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Clay	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Flora	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
St. Clair	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
St. Louis, Mo	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Collinsville	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Mascoutah	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Washington, Richview	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Satine	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Harrisburg	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Perry	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Old DuQuoin	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Alexander	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Jackson	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Makanda	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Mean	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
State Average	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93							

[illegible]

COMPARATIVE MEAN TEMPERATURE AND PRECIPITATION FOR
JANUARY, 1889.

STATIONS.		MEAN TEMPERATURE, Deg. Fahrenheit.				PRECIPITATION, Inches and hundredths.			
		Normal.	No. of years.	Jan., 1889.	Departure or +	Normal.	No. of years.	Jan., 1889.	Departure or +
NORTHERN DIVISION.									
<i>County.</i>	<i>Place.</i>								
Lake	Lake Forest	16.3	3	26.8	+8.5	2.39	3	1.62	-0.77
McHenry	Riley	16.5	26	24.0	+7.5	1.92	23	1.86	-0.06
Stephenson	Cedarville					2.18	3	1.39	-0.79
Cook	Chicago	23.5	18	28.4	+4.9	2.18	18	1.64	-0.54
Kane	Aurora	17.7	10	26.7	+9.0	2.40	10	2.06	-0.34
DeKalb	Sycamore	15.2	8	25.3	+10.1	2.13	8	1.13	-1.00
Kendall	Oswego	18.6	9	26.1	+10.5	2.05	9	1.57	-0.48
LaSalle	Ottawa	13.7	2	26.2	+12.5	1.78	2	1.91	+0.13
Rock Island	Davenport, Ia.	22.1	17	25.2	+3.1	1.67	17	0.95	-0.72
Peoria	Peoria	24.2	33	30.5	+6.3	1.64	33	1.70	+0.04
Iroquois	Watseka	20.4	4	29.2	+8.8	1.87	4	1.39	-0.48
Knox	Onelda	13.6	3	26.5	+12.9	2.57	3	1.73	-0.84
CENTRAL DIVISION.									
Ford	Melvin								
Tazewell	Pekin	16.4	3	31.4	+15.0	2.07	4	2.15	+0.08
Hancock	Keokuk, Iowa	22.6	17	27.0	+4.4	1.67	17	1.89	+0.22
Champaign	Philo	21.3	4	31.9	+10.6	1.74	4	1.23	-0.51
Sangamon	Springfield	24.8	9	29.0	+4.2	2.07	9	2.13	+0.06
Pike	Griggsville	17.5	3	29.2	+11.7	1.84	7	2.84	+1.00
Pike	Louisiana, Mo								
Coles	Mattoon	24.2	9	32.0	+7.8	2.44	9	1.85	-0.56
Christian	Pana	18.3	4	35.7	+17.4	2.13	6	2.73	+0.60
Shelby	Windsor	20.1	4	32.1	+12.0	3.01	4	1.97	-1.04
Greene	White Hall	19.6	4	31.1	+11.5	1.86	4	2.12	+0.26
SOUTHERN DIVISION.									
Crawford	Palestine	21.6	7	33.3	+8.7	2.27	7	2.93	+0.66
Bond	Greenville	26.9	10	32.9	+6.0	2.54	6	2.65	+0.11
Madison	Collinsville	24.8	9	33.4	+8.6				
Lawrence	Sumner	27.9	3	34.0	+6.1	2.07	3	3.20	+1.13
Clay	Flora	27.0	3	34.0	+7.6	2.44	4	2.60	+0.16
Clinton	Irishtown	23.9	4	33.8	+9.9	2.32	4	2.76	+0.44
St. Clair	St. Louis, Mo								
Washington	Richview	26.7	4	34.5	+7.8	2.87	4	3.27	+0.40
Hamilton	McLeansboro	25.7	6	35.1	+9.4	2.66	6	3.20	-0.54
Pope	Golconda	31.6	11	37.1	+5.5	3.30	11	4.54	+1.24
Alexander	Cairo	34.2	17	37.5	+3.3	3.96	17	4.61	+0.65
Perry	Old Du Quoin	32.1	26	35.5	+3.4	2.43	26	2.80	+0.37
Wayne	Fairfield	25.7	6	37.3	+11.6	2.50	6	2.65	+0.15

COMPARATIVE METEOROLOGICAL DATA FOR ILLINOIS DURING JANUARY.

Nature of Data.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.
Highest pressure, inches.....	30.780	30.780	30.799	30.860	30.912	30.700	30.730	31.297	30.470
Lowest " ".....	29.440	28.930	29.800	29.070	28.970	29.000	29.122	29.350	28.925
Mean " ".....	30.188	30.074	30.031	30.133	30.166	30.069	30.017	30.245	40.064
Range of " ".....	1.340	1.852	0.969	1.790	1.942	1.700	1.608	1.907	1.545
Highest temperature, degrees.....	52.0	48.0	56.0	68.0	62.0	61.0	66.0	68.0	67.0
Lowest " ".....	-32.0	-12.0	-29.0	-33.0	-32.0	-33.0	-32.0	-30.0	-11.0
Mean " ".....	17.3	28.9	18.6	18.4	18.6	18.6	20.6	18.5	30.7
Range of " ".....	84.0	80.0	85.0	101.0	94.0	87.0	98.0	98.0	76.0
Greatest daily range of temp.deg.	39.5	29.4	29.0	47.0	42.0	40.0	48.0	55.0	37.0
Least " ".....	2.5	2.0	2.0	1.0	2.0	0.0	0.0	0.0	1.0
Mean " ".....	16.5	13.1	11.7	15.3	15.2	13.7	18.9	17.1	15.2
Mean relative humidity, per cent..	71.8	78.0	71.0	76.0	76.0	80.0	75.0	77.9	80.2
Average number of clear days....	9	6	8	7	12	7	10	10	11
Average number of fair days....	10	13	12	14	8	8	10	8	7
Average number of cloudy days....	12	12	11	10	11	16	12	13	13
Average number of days on which .01 inch or more precip. fell..	7	11	12	8	9	10	7	7	7
Greatest monthly precipitation, in.	2.80	7.55	3.33	2.32	4.82	5.01	4.46	7.59	4.61
Least monthly precipitation, in.	0.39	0.74	0.91	0.23	1.07	1.68	0.43	0.64	0.95
Average monthly precipitation, in.	1.32	2.57	1.66	1.21	2.73	2.94	1.77	2.29	2.30
Prevailing direction of wind.....				N. W. & S. W.	N. W.	N. W.	N. W.	N. W.	N. W. & S. W.
Average snowfall, in inches.....				N. W. & S. W.	13.9	15.3	7.0	5.3	6.5

Monthly Summary of Meteorological Reports by Voluntary Observers of the Illinois Weather Service During January, 1889.

PLACE OF OBSERVATION.	TEMPERATURE.— <i>Deg. Fahr.</i>						PRECIPITATION.				No. OF DAYS			NAME OF OBSERVER.									
	Altitude above sea level, in feet.	Latitude N.	Longitude W.	Monthly mean.	Mean of Maximum.	Mean of Minimum.	Degree.	Date.	Degree.	Date.	Total inches rain and melted snow.	Greatest daily.	Total snowfall.		On ground at end of month.	Clear.	Fair.	Cloudy.	On white bl. inch or more precip. fell.	Prevailing direction of wind.			
NORTHERN DIVISION.																							
<i>County.</i>																							
Warren.....	840	42 28	90 00	21.0	.....	.....	43.0	4	2	10	41.0	.....	2.40	.....	12.0	T	18	6	7	4	S.W.		
JoDavies.....	42	24	89	36	23.5	.....	48.0	16	7	02	35.0	.....	1.39	.....	9.11.5	T	16	1	14	5	N.W.		
Cedarville.....	900	42 16	89 12	23.5	.....	.....	52.0	16	8	02	60.0	.....	2.18	0.73	9.11.5	T	13	5	13	7	N.W.		
Winnebago.....	593	42 21	87 50	36	8.33	8 17.3	50	0	16	8	02	61.5	1.62	0.99	8 7.2	0	16	9	16	6	N.W.		
Lake Forest.....	42	16	88	26	33 43.0	7 16.2	49	0	16	11	21	60.0	14.3	2.25	1.12	8 7.5	1.0	12	6	13	6	N.W.	
McHenry.....	956	42 12	88 36	24.0	.....	.....	47	8	16	5	8.21	53.6	1.86	1.23	8 6.5	T	11	6	14	6	N.W.		
Riley.....	42	14	88	50	24.9	.....	50	16	6	0	21	56.0	.....	1.36	0.90	8 8.0	T	10	14	5	N.W.		
Belvidere.....	42	7	89	51	36.0	.....	46	0	16	4	02	49.0	.....	1.66	0.92	9 8.8	T	15	2	14	5	N.W.	
Lanark.....	800	42 3	88 42	25.3	.....	.....	49	0	16	4	02	53.0	.....	1.13	0.64	8 5.0	T	15	2	14	5	N.W.	
DeKalb.....	42	3	89	27	34.2	33.3	18.1	51	0	16	8	02	15.1	3.01	1.20	8 11.0	T	15	2	14	5	N.W.	
Mt. Morris.....	661	41 50	87 40	28.4	35.0	23.0	55.0	16	2	0	21	55.0	12.0	1.64	0.57	9	.....	10	8	13	4	S.W.	
Cook.....	41	47	88	8	.....	.....	57.0	16	4	0	21	57.0	15.0	2.06	0.64	8 6.2	0	14	9	.....	S.W.		
Wheeling.....	676	41 47	88 8	26.7	35.0	20.0	57.0	16	4	0	21	57.0	15.0	2.06	0.64	8 6.2	0	14	9	.....	S.W.		
Aurora.....	550	41 45	88 56	.....	.....	.....	52	0	16	6	0	21	58.0	.....	1.57	0.57	8 4.5	.....	17	4	.....	N.W.	
Sterling.....	650	41 48	12 26	2	.....	.....	58	0	16	6	0	21	58.0	.....	1.80	0.46	13 2.5	.....	13	9	.....	N.W.	
Whiteside.....	41	32	88	4	31	8	38	7	25.6	.....	.....	.....	.....	0.95	0.34	20	.....	15	3	13	6	N.W.	
Coles.....	615	41 30	90 25	23	3	6	19.2	55	0	16	1	02	56.0	14.5	.....	1.00	9 8.5	.....	14	5	12	4	N.W.
Davenport.....	41	12	89	21	36.4	26.8	16.1	58.0	18	3	0	11	01	02.7	.....	0.88	9 7.5	.....	11	17	6	N.W.	
Hennepin.....	41	22	87	27	.....	.....	57.0	16	6	0	21	63.0	16.2	1.91	0.88	9 7.5	.....	3	11	17	6	N.W.	
Punam.....	500	41 20	88	52	26.2	34.8	18.6	57.0	16	6	0	21	63.0	16.2	1.91	0.88	9 7.5	.....	3	11	17	6	N.W.
Grundy.....	41	22	87	27	.....	.....	57.0	16	6	0	21	63.0	16.2	1.91	0.88	9 7.5	.....	3	11	17	6	N.W.	
Ottawa.....	500	41 20	88	52	26.2	34.8	18.6	57.0	16	6	0	21	63.0	16.2	1.91	0.88	9 7.5	.....	3	11	17	6	N.W.
Neposet.....	41	20	89	50	.....	.....	58	0	16	6	0	21	66.0	.....	1.37	0.63	8 4.0	.....	10	9	12	6	N.W.
Bureau.....	41	12	90	45	27.0	.....	56	0	16	8	0	21	62.0	.....	1.73	0.72	9 11.0	.....	10	5	16	5	N.W.
Aledo.....	41	2	90	15	26.5	.....	55	0	16	5	02	55.0	18.4	1.54	0.58	8 9.2	0	12	7	12	7	N.W.	
Knox.....	41	7	87	52	1	38.3	19.9	50	0	16	5	02	55.0	.....	1.28	1.16	8 7.7	0	16	3	12	5	N.W.
Kankakee.....	41	1	89	26	29	8	.....	57	0	16	4	02	53.0	.....	2.62	1.20	16 9.2	.....	12	8	11	5	N.W.
Lacon.....	40	57	80	58	31.3	.....	55	0	16	6	0	21	61.0	.....	1.39	0.53	8 3.9	.....	9	13	9	6	N.W.
Onawa.....	600	40	54	88	40	28.9	.....	54	0	10	4	02	58.0	.....	1.39	0.53	8 3.9	.....	9	13	9	6	N.W.
Pontiac.....	41	4	88	26	28.2	37	0	19.5	56	6	16	7	62	17.5	1.47	0.75	8 5.9	.....	12	3	16	6	N.W.
Livingston.....	41	4	88	26	28.2	37	0	19.5	56	6	16	7	62	17.5	1.47	0.75	8 5.9	.....	12	3	16	6	N.W.
Dwight.....	41	4	88	26	28.2	37	0	19.5	56	6	16	7	62	17.5	1.47	0.75	8 5.9	.....	12	3	16	6	N.W.
SOUTHERN DIVISION.																							
<i>County.</i>																							
Warren.....	840	42 28	90 00	21.0	.....	.....	43.0	4	2	10	41.0	.....	2.40	.....	12.0	T	18	6	7	4	S.W.		
JoDavies.....	42	24	89	36	23.5	.....	48.0	16	7	02	35.0	.....	1.39	.....	9.11.5	T	16	1	14	5	N.W.		
Cedarville.....	900	42 16	89 12	23.5	.....	.....	52.0	16	8	02	60.0	.....	2.18	0.73	9.11.5	T	13	5	13	7	N.W.		
Winnebago.....	593	42 21	87 50	36	8.33	8 17.3	50	0	16	8	02	61.5	1.62	0.99	8 7.2	0	16	9	16	6	N.W.		
Lake Forest.....	42	16	88	26	33 43.0	7 16.2	49	0	16	11	21	60.0	14.3	2.25	1.12	8 7.5	1.0	12	6	13	6	N.W.	
McHenry.....	956	42 12	88 36	24.0	.....	.....	47	8	16	5	8.21	53.6	1.86	1.23	8 6.5	T	11	6	14	6	N.W.		
Riley.....	42	14	88	50	24.9	.....	50	16	6	0	21	56.0	.....	1.36	0.90	8 8.0	T	10	14	5	N.W.		
Belvidere.....	42	7	89	51	36.0	.....	46	0	16	4	02	49.0	.....	1.66	0.92	9 8.8	T	15	2	14	5	N.W.	
Lanark.....	800	42 3	88 42	25.3	.....	.....	49	0	16	4	02	53.0	.....	1.13	0.64	8 5.0	T	15	2	14	5	N.W.	
DeKalb.....	42	3	89	27	34.2	33.3	18.1	51	0	16	8	02	15.1	3.01	1.20	8 11.0	T	15	2	14	5	N.W.	
Mt. Morris.....	661	41 50	87 40	28.4	35.0	23.0	55.0	16	2	0	21	55.0	12.0	1.64	0.57	9	.....	10	8	13	4	S.W.	
Cook.....	41	47	88	8	.....	.....	57.0	16	4	0	21	57.0	15.0	2.06	0.64	8 6.2	0	14	9	.....	S.W.		
Wheeling.....	676	41 47	88 8	26.7	35.0	20.0	57.0	16	4	0	21	57.0	15.0	2.06	0.64	8 6.2	0	14	9	.....	S.W.		
Aurora.....	550	41 45	88 56	.....	.....	.....	52	0	16	6	0	21	58.0	.....	1.57	0.57	8 4.5	.....	17	4	.....	N.W.	
Sterling.....	650	41 48	12 26	2	.....	.....	58	0	16	6	0	21	58.0	.....	1.80	0.46	13 2.5	.....	13	9	.....	N.W.	
Whiteside.....	41	32	88	4	31	8	38	7	25.6	.....	.....	.....	.....	0.95	0.34	20	.....	15	3	13	6	N.W.	
Coles.....	615	41 30	90 25	23	3	6	19.2	55	0	16	1	02	56.0	14.5	.....	1.00	9 8.5	.....	14	5	12	4	N.W.
Davenport.....	41	12	89	21	36.4	26.8	16.1	58.0	18	3	0	11	01	02.7	.....	0.88	9 7.5	.....	11	17	6	N.W.	
Hennepin.....	41	22	87	27	.....	.....	57.0	16	6	0	21	63.0	16.2	1.91	0.88	9 7.5	.....	3	11	17	6	N.W.	
Punam.....	500	41 20	88	52	26.2	34.8	18.6	57.0	16	6	0	21	63.0	16.2	1.91	0.88	9 7.5	.....	3	11	17	6	N.W.
Grundy.....	41	22	87	27	.....	.....	57.0	16	6	0	21	63.0	16.2	1.91	0.88	9 7.5	.....	3	11	17	6	N.W.	
Ottawa.....	500	41 20	88	52	26.2	34.8	18.6	57.0	16	6	0	21	63.0	16.2	1.91	0.88	9 7.5	.....	3	11	17	6	N.W.
Neposet.....	41	20	89	50	.....	.....	58	0	16	6	0	21	66.0	.....	1.37	0.63	8 4.0	.....	10	9	12	6	N.W.
Bureau.....	41	12	90	45	27.0	.....	56	0	16	8	0	21	62.0	.....	1.73	0.72	9 11.0	.....	10	5	16	5	N.W.
Aledo.....	41	2	90	15	26.5	.....	55	0	16	5	02	55.0	18.4	1.54	0.58	8 9.2	0	12	7	12	7	N.W.	
Knox.....	41	7	87	52	1	38.3	19.9	50	0	16	5	02	55.0	.....	1.28	1.16	8 7.7	0	16	3	12	5	N.W.
Kankakee.....	41	1	89	26	29	8	.....	57	0	16	4	02	53.0	.....	2.62	1.20	16 9.2	.....	12	8	11	5	N.W.
Lacon.....	40	57	80	58	31.3	.....	55	0	16	6	0	21	61.0	.....	1.39	0.53	8 3.9	.....	9	13	9	6	N.W.
Onawa.....	600	40	54	88	40	28.9	.....	54	0	10	4	02	58.0	.....	1.39	0.53	8 3.9	.....	9	13	9	6	N.W.
Pontiac.....	41	4	88	26	28.2	37	0	19.5	56	6	16	7	62	17.5	1.47	0.75	8 5.9	.....	12	3	16	6	N.W.
Livingston.....	41	4	88	26	28.2	37	0	19.5	56	6	16	7	62	17.5	1.47	0.75	8 5.9	.....	12	3	16	6	N.W.
Dwight.....	41	4	88	26	28.2	37	0	19.5	56	6	16	7	62	17.5	1.47	0.75	8 5.9	12	3	16	6	N.W.

METEOROLOGICAL REPORT.

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[illegible]

Monthly Summary of Meteorological Reports—Continued.

PLACE OF OBSERVATION.		TEMPERATURE.— <i>Deg. Fahr.</i>						PRECIPITATION.					NO. OF DAYS.				Prevailing direction of wind.	NAME OF OBSERVER.					
Altitude above sea level.—in feet.	Latitude N.	Longitude W.	Monthly mean.		Mean of Maximum.	Mean of Minimum.	Degree.	Date.	Degree.	Date.	Monthly range.	Mean daily range.	Total inches rain and melted snow.	Greatest daily.	Date.	Total snowfall.			On ground at end of month.	Clear.	Fair.	Cloudy.	On which .01 inch or more precip. fell.
38 40 89 30 33 8	38 40 89 30 33 8	38 40 89 30 33 8	...	...	...	...	63.0	16.13	0.21	50.0	...	...	2.76	1.04	8	3.5	0	16	6	9	6	...	Wm. Rogan.
492 38 32 89 10 33 0	38 32 89 10 33 0	38 32 89 10 33 0	...	...	...	...	60.0	16.12	0.21	48.0	...	...	3.52	7.0	0	7.0	0	10	6	15	8	...	J. L. Hallam.
38 30 89 50 32 9 39 4	38 30 89 50 32 9 39 4	38 30 89 50 32 9 39 4	...	...	...	...	60.0	16.10	0.21	50.0	14.5	...	2.65	1.25	8	6.0	0	10	8	13	5	...	Dr. G. Lettbrock.
38 24 88 6	38 24 88 6	38 24 88 6	...	...	...	...	62.0	16.18	0.21	44.0	9.2	...	2.65	8.0	T	8.0	T	11	9	11	8	...	B. F. Michels.
530 34 20 88 20 37 3	34 20 88 20 37 3	34 20 88 20 37 3	...	...	...	...	60.0	16.12	0.21	48.0	13.5	...	2.65	0.80	7	10	T	10	13	10	13	...	Jacob Hall.
580 38 20 89 10 34 5	38 20 89 10 34 5	38 20 89 10 34 5	...	...	...	...	62.0	16.12	0.21	48.2	13.5	...	3.27	1.00	8	7.2	T	11	9	11	8	...	A. G. Tucker.
38 16 89 55	38 16 89 55	38 16 89 55	...	...	...	...	62.0	16.16	0.21	46.0	13.4	...	3.55	1.00	8	7.2	T	12	12	11	11	...	August Giesbrecht.
38 14 89 48	38 14 89 48	38 14 89 48	...	...	...	...	62.0	16.16	0.21	46.0	13.8	...	3.20	1.00	16	7.5	T	11	15	15	11	...	W. J. S. Cathcart.
38 7 40 35 35 1	38 7 40 35 35 1	38 7 40 35 35 1	...	...	...	...	56.0	16.9	0.21	47.0	...	...	3.39	1.00	16	3.4	T	14	6	11	9	...	Wm. P. Gibbs.
38 2 88 56 31 5	38 2 88 56 31 5	38 2 88 56 31 5	...	...	...	...	56.0	16.9	0.21	47.0	...	...	3.39	1.00	16	3.4	T	14	6	11	9	...	John McPherson.
37 46 88 35	37 46 88 35	37 46 88 35	...	...	...	...	58.0	13.16	0.28	42.0	...	...	4.54	2.05	16	3.5	T	9	11	11	9	...	Grigg & Grace.
37 25 88 23 37 1	37 25 88 23 37 1	37 25 88 23 37 1	...	...	...	...	61.4	16.18	0.28	42.6	13.0	...	4.61	1.74	16	...	T	9	15	10	9	...	J. E. Y. Hanna.
359 37 0 89 10 37 5	37 0 89 10 37 5	37 0 89 10 37 5	...	...	...	...	61.4	16.18	0.28	42.6	13.0	...	4.61	1.74	16	...	T	10	8	13	7	...	C. L. Bozzel, S. S. Obs.
38 0 89 0 35 5	38 0 89 0 35 5	38 0 89 0 35 5	...	...	...	...	60.0	16.17	0.22	43.0	1.8	...	2.80	1.30	15	4.5	T	10	8	13	7	...	Chas. Zeigler.
38 0 89 0 35 5	38 0 89 0 35 5	38 0 89 0 35 5	...	...	...	...	56.0	16.17	0.22	43.0	...	...	1.83	0.66	8	6.0	T	8	11	12	5	...	W. H. Eldson.
765 37 40 89 15 36 7	37 40 89 15 36 7	37 40 89 15 36 7	...	...	...	...	61.0	16.16	0.21	45.0	14.0	...	3.75	1.00	16	7.0	T	8	10	13	8	...	Frank Hopkins.
Means	34 3 41.5 28 1	...	...	...	...	...	...	...	...	...	13.5	...	3.10	...	...	6.0	...	10	7	14	9	...	N. W.
State Averages	30 7 38.6 23.4	...	...	...	...	...	...	...	...	...	15.2	...	2.30	...	...	6.5	...	11	7	13	7	...	S. W. & N. W.

VERIFICATION OF WEATHER AND TEMPERATURE SIGNALS DURING JANUARY, 1889.

NAME OF DISPLAYMAN.	STATION.	Weather ver Per Cent	Tempera'e ver Per Cent
A. H. Hatch	Windsor	86	81
A. G. Anderson	Galesburg	95	96
J. P. Morrow	Carrollton		
E. L. Buchanan	Lacon	93	78
John McPherson	Benton	95	85
Rice & Yackle	Hillsboro	81	92
W. S. Parrott	Raymond	78	89
M. S. Oudyn	Greenville	78	56
W. J. Wells	Winnebago	93	54
J. R. Campbell	McLeansboro	93	78
H. Wiechelman	Effingham		
F. C. Zimmerman	Carterville	95	93
Charles H. West	Carthage	89	89
J. Stern & Sons	Quincy	55	60
J. W. Edwards	Aledo	78	54
Henry Upsall	Watseka	86	78
Holmes, Miller & Son	Aurora	93	89
Samuel B. Hays	Alton	86	89
W H Taylor	Tamalco		
S. A. Fasig	Martinsville	85	74
S. F. Kissler	Warren	78	78
Lutyan & Co.	Pontiac	89	82
Jos. Emmert	Freeport		
W. A. Wise	Ashley		
Comstock Avery & Co.	Peoria	74	78
Jos. Urbani	Vandalia	78	74
Wm. A. Howell	Shawneetown	95	85
John Buck	Cobden	93	95
P. Walker	Robinson		
F. M. Bourell	Olney	89	89
H G. Smith	Oswego	96	86
	Average	86	81

NAMES OF OBSERVERS REPORTING TO THE ILLINOIS STATE WEATHER SERVICE—CONTINUED.

COUNTY.	OBSERVER.	POST OFFICE.	Elevation, feet.	Latitude.	Longitude
Livingston...	Isaac Young.....	Pontiac.....	600	40° 54'	88° 40'
Logan.....	L. H. Sullivan.....	Beason.....		40° 10'	89° 14'
Macon.....					
Macoupin.....	A. C. Gish.....	Virden.....		39° 32'	89° 45'
Madison.....	J. L. R. Wadsworth, M. D.....	Collinsville.....	600	38° 40'	90°
Marion.....	J. L. Hallam.....	Centralia.....	492	38° 33'	89° 10'
Marshall.....	Rev. A. C. Price.....	Lacon.....		41° 1'	89° 26'
Mason.....	W. H. Williamson.....	Havana.....		40° 18'	90° 4'
Mason.....	J. F. Culp.....	Mason City.....		40° 15'	89° 42'
Massac.....	J. D. Young.....	Pellonia.....		37° 9'	88° 40'
McDonough.....	Lou W. Rost.....	Macomb.....			
McHenry.....	John W. James.....	Marengo.....	956	42° 12'	88° 36'
McHenry.....	Geo. D. Silliman.....	Woodstock.....		42° 16'	88° 26'
McLean.....	W. O. Davis.....	Bloomington.....		40° 29'	89° 2'
Menard.....	W. T. Stephenson.....	Petersburg.....			
Mercer.....	Tyler McWhorter.....	Aledo.....		41° 12'	90° 45'
Monroe.....	S. F. Douglass.....	Renault.....		38° 11'	90° 8'
Montgomery.....	J. W. Potts.....	Raymond.....		39° 20'	89° 38'
Morgan.....	Philip J. Hasenstab.....	Jacksonville.....	664	39° 45'	90° 15'
Moultrie.....					
Ogle.....	Wm. Feary.....	Mt. Morris.....		42° 3'	89° 27'
Peoria.....	Dr. Fred. Brendel.....	Peoria.....	490	40° 43'	89° 43'
Perry.....	Chas. Zeigler.....	Old DuQuoin.....			
Piatt.....	J. W. C. Gray.....	Atwood.....	700	39° 49'	88° 30'
Pike.....	C. H. Oakford.....	Griggsville.....	650	39° 41'	90° 40'
Pike.....	M. J. Hassler.....	Louisiana, Mo.....		39° 10'	91° 18'
Pope.....	J. E. Y. Hanna.....	Golconda.....		37° 25'	88° 25'
Pulaski.....	Dr. B. C. Taber.....	Mound City.....		37° 7'	89° 11'
Putnam.....	A. T. Purviance.....	Hennepin.....		41° 12'	89° 21'
Randolph.....	W. J. S. Cathcart.....	Jordan's Grove.....		38° 14'	89° 48'
Richland.....	Miss Clementine Fahs.....	Olney.....		38° 45'	88° 7'
Rock Island.....	Jno. Fitzgerald.....	Davenport, Iowa.....	615	41° 30'	90° 35'
Saline.....	Gregg & Grace.....	Harrisburg.....		37° 46'	88° 35'
Sangamon.....	John Craig, S. S. Obs.....	Springfield.....	644	39° 47'	89° 40'
Schuyler.....	Nathan T. Veatch.....	Rushville.....			
Scott.....	Elihu Armitage.....	Exeter.....			
Shelby.....	A. H. Hatch.....	Windsor.....	716	39° 30'	88° 35'
Stark.....				41° 5'	89° 52'
St. Clair.....	V. P. Chappel, S. S. Obs.....	St. Louis, Mo.....	571	38° 45'	90° 12'
St. Clair.....	Dr. G. Leibrock.....	Mascoutah.....		38° 30'	89° 50'
Stephenson.....	John Wright.....	Cedarville.....		42° 24'	89° 36'
Tazewell.....	Rev. J. E. Terborg.....	Pekin.....	465	40° 35'	89° 39'
Union.....				40° 10'	87° 36'
Vermilion.....		Hoopeston.....		40° 30'	87° 40'
Wabash.....	James Pool.....	Mt. Carmel.....		38° 27'	87° 50'
Warren.....	Prof. J. C. Hutchison.....	Monmouth.....	784	40° 54'	90° 39'
Washington.....	A. G. Tucker.....	Richview.....	580	38° 20'	89° 10'
Wayne.....	Jacob Hall.....	Fairfield.....	530	38° 20'	88° 20'
White.....					
Whiteside.....					
Will.....	Miss Anna B. Nash.....	Joliet.....		41° 32'	88° 4'
Williamson.....	Dr. J. J. Fly.....	Pulley's Mill.....	460	37° 38'	88° 59'
Winnebago.....	J. W. Budlong.....	Rockford.....		42° 15'	89° 4'
Woodford.....					

An observer is greatly desired in each of the counties left blank.

ILLINOIS STATE FAIR—PEORIA, SEPTEMBER 23-27, 1889.
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 12-21, 1889.
AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 12-21, 1889.
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 12-21, 1889.

STATISTICAL REPORT

— OF THE —

ILLINOIS STATE BOARD OF AGRICULTURE,

— FOR —

MAY 1, 1889.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.,

MADE TO THE

ILLINOIS STATE BOARD OF AGRICULTURE.

W. C. GARRARD, Secretary,

SPRINGFIELD.

CIRCULAR 144.

Illinois State Board of Agriculture.

ORGANIZATION FOR 1889-1890.

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Ex-President.....	SAMUEL DYSART.....	Franklin Grove
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Secretary.....	W. C. GARRARD.....	Springfield

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4th District.....	WM. STEWART.....	Chicago
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6th District	A. B. HOSTETTER.....	Mt. Carrol
7th District.....	SIMON ELLIOTT.....	Princeton
8th District.....	E. C. LEWIS.....	Ottawa
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10th District.....	D. W. VITTM, JR.....	Canton
11th District.....	E. B. DAVID.....	Aledo
12th District.....	W. H. FULKERSON.....	Jerseyville
13th District.....	J. W. JUDY	Tallula
14th District.....	LA FAYETTE FUNK.....	Shirley
15th District.....	E. E. CHESTER.....	Champaign
16th District.....	JOSEPH SKEAVINGTON.....	Albion
17th District.....	DAVID GORE.....	Carlinville
18th District.....	D. B. GILLHAM.....	Upper Alton
19th District.....	B. PULLEN.....	Centralia
20th District.....	J. M. WASHBURN	Cartersv

ILLINOIS CROP REPORT,

—FOR—

MAY, 1889.

Synopsis of the Reports of Correspondents upon the Condition of the Growing
Crops, Etc.

ILLINOIS STATE BOARD OF AGRICULTURE, }
SPRINGFIELD, May 1, 1889. }

The information contained in this circular was obtained from the reports of correspondents mailed to this office the first of May.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to this department.

A large number of the correspondents have been reporting to this office during the past thirteen years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality.

The State covers such an extended area from north to south (385 miles), and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of crops.

WINTER WHEAT.

The May 1 condition of winter wheat has not been so promising for a full crop since 1882 as this year.

The area sown last fall was about five per cent. less than the area of the previous year, but a very small per cent. was winter-killed and it has come through the winter in excellent

CROP REPORT.

condition. The dry winter and spring has made vegetation of all kinds very forward, and in some of the Southern counties wheat is beginning to head. There is some complaint of Hessian fly in the following counties, viz: Greene, Madison and Pope, while chinch-bugs are reported in Massac, Moultrie and Pope.

NORTHERN DIVISION.

The condition of winter wheat is less favorable in the Northern Division of the State than elsewhere, the present prospect being for only 95 per cent. of an average crop. A full average yield per acre may be expected in the counties of Cook, Grundy, Henry, Iroquois, Kane, Kankakee, McHenry, Peoria, Putnam, Rock Island, Stark, Warren, White-side and Woodford. In but one county in this division, Stephenson, 66, will there be less than three-fourths of an average yield per acre.

CENTRAL DIVISION.

The condition of this crop in Central Illinois is above the average and with favorable conditions until harvest a full average yield per acre may be expected. In all the counties in this division except those noted below the condition of winter wheat is up to or above the average May 1 condition: Adams, 97; Brown, 93; Christian, 99; Clark, 87; Coles, 97; Edgar, 79; Fulton, 97; McDonough, 90; Moultrie, 88. The most flattering report comes from Jersey county, where the condition is 137 per cent.

SOUTHERN DIVISION.

It is many years since winter wheat was in such fine condition in Southern Illinois at this date as now. The average condition is 105 per cent. and in but four counties, viz: Fayette, Franklin and Saline, 95; Wayne, 91, is the condition less than 100.

A table published elsewhere in this report gives the May 1 condition of winter wheat in each county in the State since 1882.

SPRING WHEAT.

The area sown to spring wheat in Northern Illinois is very slightly larger than the 1888 area, while in Central Illinois the acreage is less than a year ago.

NORTHERN DIVISION.

The condition of this crop is a little above the average (101 per cent). In most of the counties the condition is above an average, while it is below an average in the following named counties: DeKalb, 98; Kendall, 99; LaSalle, 93; Livingston, 90; Marshall, 97; Mercer, 95 and Will, 95.

CENTRAL DIVISION.

Of the nine counties in Central Illinois in which spring wheat is raised, the May 1 condition is up to an average in all except Fulton, 60, and McLean, 95 per cent. The average condition is 95 per cent., and the area as compared with 1883 is 95 per cent.

SOUTHERN DIVISION.

No spring wheat is raised in this section of the State.

OLD WHEAT.

There is one per cent less wheat in the producers' hands at this date than on May 1, 1888, and there is much less than the average amount on hand May 1 since 1888.

The amount of wheat harvested in Illinois in 1888, 33,916,920 bushels, was 19,391,805 bushels more than was needed in the State for seed and consumption.

The following table gives the amount of "old wheat" in first hands the first of May, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888 and 1889:

Year Produced.	Crop in bushels.	Per cent. crop on hand following May 1.	Amount crop in producers' hands following May 1.	Surplus wheat above seed and consumption at harvest.	Deficit at harvest.
1880.....	56,508,309	*15	8,476,246	39,851,883	.....
1881.....	22,374,163	13	2,924,039	5,765,414	.....
1882.....	52,323,261	15	8,174,634	36,214,133	.....
1883.....	20,374,572	15	3,208,358	4,575,152	.....
1884.....	34,367,493	18	6,350,202	17,367,794	.....
1885.....	5,299,243	14	1,201,904	.....	5,439,786
1886.....	28,284,086	15	4,000,931	12,082,999	.....
1887.....	38,076,486	13	5,034,875	21,942,119	.....
1888.....	33,916,920	12	4,022,569	17,334,947	.....
Average.....	32,391,615	15	4,821,529	19,391,805	5,439,786

* Estimated.

The amount of surplus wheat above seed and consumption given in the above table is determined by deducting at time of harvest from the entire crop of the season, the quantity required to seed an area equal in extent to that harvested, at the rate of $1\frac{1}{2}$ bushels per acre, and provide 4 bushels per capita for consumption during the ensuing twelve months.

RYE.

With favorable conditions until harvest winter rye will make nearly a full average yield per acre. The area sown last fall, 254,739 acres, was rather less than the area of the previous crop. A very small percentage was winter-killed, and there is little or no complaint of damage by insects.

In the Northern Division of the State a full average yield per acre, or better, may be expected in Cook county, 102; Henry, 103; Iroquois, 102; Kankakee, 105; Lake and Lee, 102; McHenry, 100; Mercer, 107; Ogle, 100; Putnam, 107; Stark, 100; Warren, 102; Will, 100.

The condition of the crop in Central Illinois warrants the expectation of a full average yield per acre in most of the counties. The following are the exceptions: Brown, 97; Clark, 86; DeWitt, 99; Edgar, 75; Ford, 98; Fulton, 95; McDonough, 95; McLean, 97; Moultrie, 85; Piatt, 90.

Less rye is raised in the Southern Division of the State than in the Central or Northern portions. The plant looks well, and the prospect is good for almost a full average yield per acre. The most discouraging outlook is in the counties mentioned below, where the May 1 condition is as noted: Edwards, 75 per cent.; Effingham, 98; Gallatin, 87; Hardin, 93; Johnson, 99; Massac, 50; Union, 97. There is some little complaint of chinch-bugs and Hessian fly in rye, but the damage so far is slight.

OATS.

The area devoted to the cultivation of this crop is about one per cent. larger than last year. In some sections less was sown than a year ago, and in others more, so the aggregate is about the same.

NORTHERN DIVISION.

The area seeded to oats this season is not quite so large as in 1888. In the following counties the area is as large, or larger, than a year ago: Boone, Bureau, Carroll, Cook, DeKalb, Grundy, Iroquois, JoDaviess, Kane, Kankakee, Kendall, Knox, Livingston, 106; Mercer and Rock Island, 102; Whiteside, 102; Will, 107; Winnebago and Woodford, 100.

The condition of the crop in this section is two per cent. above the May 1 average, and is better than in Central and Southern Illinois. A full average yield, or better, per acre may be expected in all but the counties named, viz: DuPage, 98; Henderson, 95; Kane, 99; LaSalle, 97.

CENTRAL DIVISION.

The condition of oats is not so good in Central as in Northern Illinois, and but little more than 90 per cent. of an average yield per acre may be expected. A full average yield per acre may be expected in the following counties, where the May 1 condition is as noted: Cass, 100; Ford, 102; Hancock, 103; Mason, 102; McDonough, 105; Pike, 100; Schuyler, 107; Tazewell, 101.

SOUTHERN DIVISION.

There is an increase of five per cent. in the area seeded to oats in the Southern Division this season over 1888. In all but the following counties the area is as large, or larger, than last year: Jackson, 92; Madison, 94; Monroe, 95; Union and Washington, 98.

The May 1 condition of the crop is not so good in Southern as in Northern and Central Illinois, being but 84 per cent. of an average condition. In no county in this section is the prospect encouraging for a full average yield per acre.

There will be 90 per cent., or more, of an average yield per acre in the following Southern counties, viz: Alexander, 90; Clay, 91; Franklin, 95; Jasper, 95; Lawrence, 90; Madison, 98; Pulaski, 95; Randolph, 96; Saline, 90; White, 95.

In a table published elsewhere in this report is given the comparative area of 1889, and the May 1 condition of oats since 1882.

BARLEY.

Barley is reported in but twenty-two counties in the State. The area seeded is not quite so large as in 1888, and the May 1 condition is about an average.

OLD CORN.

But once in the past ten years (in 1879) has the corn crop of Illinois been so large as in 1888, when it amounted to 277,726,451 bushels. About one-third of this amount, 92,584,238 bushels, was in the hands of the producers on May 1.

The late fall and early spring enabled farmers to keep their stock on pasture much later than usual last fall, and to turn them on again early this spring, so a much less quantity of corn than usual was fed during the winter.

The following table gives the amount of "old corn" in the producers' hands May 1, the past ten years, as well as the extent of the crop produced each preceding year:

Year Produced.	Crop in bushels.	Per ct. corn on hand fol- lowing May.	Bushels corn in produ- cers' hands following May
1879.....	305,913,377	32+	99,229,889
1880.....	250,697,036	28+	71,929,343
1881.....	174,491,706	21+	37,445,964
1882.....	179,471,729	24+	43,450,857
1883.....	186,583,558	21+	39,478,621
1884.....	207,556,662	24+	50,102,262
1885.....	230,922,298	24+	57,107,027
1886.....	182,555,053	24+	44,247,096
1887.....	129,537,603	18+	23,573,279
1888.....	277,726,451	33+	42,584,238
Average.....	212,565,547	26	55,914,858

MEADOWS.

The area in meadows this season is four per cent. less than in 1888. The May 1 condition of the crop is not quite up to an average. The dry weather of the spring months has retarded the growth of grass in most sections of the State. An average or better yield of hay may be expected this season in the following counties: Alexander, 101; Boone, 100; Bureau, 103; Carroll, 107; Cass, 101; Clinton, 105; DeKalb, 104; DeWitt, 100; Douglas, 102; Edwards, 107; Franklin, 100; Fulton, 103; Grundy, 100; Hancock, 102; Henry, 107; Jefferson, 101; Jo Daviess, 103; Kankakee and Knox, 104; Lake, 105; Livingston and Macon, 100; Marshall, 103; McDonough, 100; McHenry, 102; Mercer, 108; Montgomery, 104; Morgan and Ogle, 103; Peoria, 102; Pike and Putnam, 103; Randolph, 100; Rock Island, 101; Sangamon, 100; Schuyler, 105; Scott, 100; Stark, 108; Tazewell, 104; Vermilion, 115; Warren, 104; Washington, 102; Whiteside, 103; Will, 105; Woodford, 100.

Timothy and clover, with some red top, are the principal grasses sown for hay.

PASTURES.

The area in pastures this season is about 99 per cent. of the 1883 area. The condition of pastures May 1 is rather better than that of meadows, and where they have not been too closely grazed will furnish nearly the usual amount of pasturage.

The drouth has interfered somewhat with their growth, but on the whole they are in good condition.

The most favorable reports come from the counties named below, where the May 1 condition is above an average: Alexander, 105; Boone, 103; Bureau, 107; Carroll, 106; Cass, 103; Christian, 102; DeKalb, 104; DeWitt, 107; Douglas, 102; DuPage, 104; Edwards, 107; Fulton, 102; Hancock, 104; Henry, 107; Jefferson, 101; Jo Daviess, 107; Kane, 101; Kankakee, 104; Kendall, 102; Knox, 106; Lake, 105; Lee, 103; Macoupin, 102; Marshall, 103; McDonough and McHenry, 102; McLean, 101; Mercer, 108; Montgomery, 105; Morgan, 106; Ogle and Peoria, 107; Pike, 105; Pulaski, 102; Putnam, 107; Sangamon, 101; Schuyler, 102; Stark, 110; Tazewell, 106; Vermilion, 105; Warren and Washington, 104; Whiteside, 103; Will, 107; Winnebago, 102; Woodford, 103.

LIVE STOCK.

HORSES.

The number of horses on hand May 1, 1889, as compared with 1888, is about the same, with perhaps a little increase.

The condition of horses has been good, though more or less distemper is reported among them in the following counties, viz: Boone, Cass, Cumberland, Douglas, Ford, Grundy, Henderson, Knox, Macoupin, Madison, Moutrie, Piatt and Whiteside.

A good many mares are losing their colts, and some of the mares are dying in the counties of DeKalb, Marshall, Peoria, Putnam, Shelby, Tazewell, Warren and Woodford.

MULES.

Only seven counties in the State report an increase in the number of mules kept, viz: Alexander, McLean, Pope, Pulaski, Putnam, Sangamon and Washington.

The condition of mules is very good.

CATTLE.

The number of cattle in the State is about as large as a year ago, and their condition is much above an average. Farmers had plenty of corn for their stock and they came through the winter in excellent condition.

In but one county in the State, Coles, is there any complaint of disease among cattle. The correspondents from that county state that many horses and cattle are dying, but are unable to give any reason.

CROP REPORT

DAIRY COWS.

There is about as many dairy cows in the State as on May 1, 1888, and their condition is above an average.

HOGS.

There is but 95 per cent. of hogs on hand this year as compared with a year ago. Quite a number of hogs have died of cholera in the counties of Alexander, Cass, Clinton, Crawford, Gallatin, Green, Lawrence, Macoupin, Moultrie, Perry, Scott, White and Williamson. With the exception of the cholera, hogs have come through the winter in excellent condition.

SHEEP.

There are not so many sheep in the State as last year, but their condition is excellent. A table published elsewhere in this report gives the number and condition of sheep and in other live stock in each county of the State on May 1.

SPRING WORK.

The proportion of spring work done by May 1 this year is considerably larger than usual. Only in the counties named is less than usual done: Adams, Clinton, Crawford, Edgar, Edwards, Effingham, Greene, Henderson, Macoupin, Marion, Morgan, Pulaski, Washington and Will.

A good deal of corn has been put in, though it has not made a good growth on account of the dry weather.

WAGES PAID FARM HANDS.

The supply of farm hands this season is equal to the demand but with no surplus.

The wages paid in the Northern Division are a little higher than in 1888, while they remain about the same in the Central and Southern Divisions. As compared with 1888, they are as follows: Per day with board, 1888, \$0.82; 1889, \$0.83; per day without board, 1888, \$1.08; 1889, \$1.10; per month with board, 1888, \$16.70, 1889, \$17.07; per month without board, 1888, \$23.63; 1889, \$23.67.

The average wages paid farm hands during the past ten years in the three grand divisions of the State, are given in the following table:

DIVISION.	PER DAY.		PER MONTH.	
	With board	Without board.	With board	Without board.
Northern.....	\$0 99	\$1 28	\$19 58	\$27 60
Central.....	0 85	1 11	17 82	24 75
Southern.....	0 67	0 93	14 55	21 00
Average.....	\$0 84	\$1 11	\$17 32	\$24 45

The wages paid farm help in the three divisions of the State, during the past ten years, is given in the following tables:

NORTHERN DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With boa'd	Without board.	With boa'd	Without board.
1880.....	\$0 94	\$1 15	\$17 55	\$25 25
1881.....	0 95	1 25	19 55	27 25
1882.....	1 05	1 40	21 40	29 75
1883.....	1 05	1 35	21 15	29 75
1884.....	1 00	1 25	20 50	29 00
1885.....	1 00	1 25	19 50	27 75
1886.....	1 00	1 30	19 18	26 80
1887.....	0 95	1 30	19 10	27 50
1888.....	0 95	1 25	18 50	26 10
1889.....	1 00	1 30	19 35	26 90
Average.....	\$0 99	\$1 28	\$19 58	\$27 60

CENTRAL DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With boa'd	Without board.	With boa'd	Without board.
1880.....	\$0 75	\$1 00	\$16 15	\$22 65
1881.....	0 85	1 10	17 85	24 75
1882.....	0 90	1 20	18 65	25 80
1883.....	0 90	1 20	18 90	26 25
1884.....	1 00	1 25	18 75	25 75
1885.....	0 75	1 00	17 75	25 00
1886.....	0 85	1 10	17 45	24 45
1887.....	0 85	1 10	17 55	24 50
1888.....	0 85	1 10	17 60	24 25
1889.....	0 85	1 10	17 65	24 15
Average.....	\$0 85	\$1 11	\$17 82	\$24 75

SOUTHERN DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With boa'd	Without board.	With boa'd	Without board.
1880.....	\$0 65	\$0 95	\$14 00	\$20 45
1881.....	0 65	0 90	14 75	21 05
1882.....	0 65	0 90	14 55	21 00
1883.....	0 70	0 95	15 30	22 10
1884.....	0 75	1 00	15 25	22 25
1885.....	0 75	1 00	15 00	21 25
1886.....	0 65	0 90	14 25	20 90
1887.....	0 65	0 90	14 30	20 50
1888.....	0 65	0 90	13 95	20 55
1889.....	0 65	0 90	14 20	19 95
Average.....	\$0 67	\$0 93	\$14 55	\$21 00

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this department consists in their seasonable appearance during the growing season, and after harvest when the information as to condition and yield is most needed to enable the producer and the public to decide as to the market value of the crop. The official acreage of the crops, as reported by the assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. In reporting condition, 100 is used by correspondents to represent a fair, seasonable, average vitality or growth unaffected by storms, insects or contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The observers of the department are, as a rule, experienced farmers who have made the study of the conditions and yield of crops their life work, conservative men who realize the necessity for the work done by this department and assist it by their gratuitous reports.

It is not pretended that these reports will exactly coincide with the official assessors' returns, but they do represent the condition or yield of the various crops, etc., at the dates given, as estimated by men experienced in this work, and their estimates, for a term of years, will be found to closely approximate the assessors' returns.

W. C. GARRARD,

Secretary.

CONDITION WINTER WHEAT MAY 1, 1889.

CROP REPORT.

11

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.										COUNTIES.										COUNTIES.									
Average condition May 1.										Average condition May 1.										Average condition May 1.									
1889	188	1887	1886	1885	1884	1883	1882			1889	1888	1887	1886	1885	1884	1883	1882			1889	1888	1887	1886	1885	1884	1883	1882		
Boone.....	95	102	100	75	100	110	102	Adams.....	97	65	107	102	43	71	90	75	Alexander.....	100	79	105	115	60	101	93	108				
Bureau.....	93	82	85	100	41	107	92	Brown.....	93	70	100	102	67	83	88	100	Bond.....	107	70	108	93	39	59	54	100				
Carroll.....	92	80	92	100	90	90	92	Cahoun.....	103	50	100	100	83	95	80	100	Clay.....	107	56	82	78	29	29	65	100				
Cook.....	100	50	92	100	105	97	...	Cass.....	107	72	103	112	65	102	87	120	Clinton.....	121	25	90	*83	76	90	40	97				
DeKalb.....	94	80	100	105	97	...	...	Champaign.....	106	58	102	98	*25	60	87	116	Crawford.....	101	54	87	100	47	35	65	97				
DuPage.....	...	...	...	...	...	...	...	Christian.....	99	44	105	106	33	77	72	92	Edwards.....	120	82	77	95	73	61	75	100				
Grundy.....	100	*74	90	110	...	...	...	Clark.....	87	38	93	81	37	50	74	90	Effingham.....	102	45	112	93	75	62	74	92				
Henderson.....	82	75	88	105	70	83	100	Coles.....	97	25	98	99	48	71	55	103	Fayette.....	95	18	95	100	24	62	45	96				
Henry.....	100	100	78	100	90	90	90	Demerland.....	102	34	104	98	45	81	67	103	Franklin.....	111	92	90	108	70	82	90	107				
Iroquois.....	100	72	90	105	95	87	115	DeWitt.....	100	65	92	117	82	102	62	125	Galatin.....	111	92	90	108	40	80	90	105				
JobDavies.....	85	92	90	101	49	101	77	Douglas.....	79	55	94	92	85	97	40	95	Hamilton.....	*103	80	78	104	43	72	55	106				
Kane.....	100	75	89	102	100	95	103	Edgar.....	110	81	75	*102	...	...	...	...	Hardin.....	106	73	113	100	112	77	75	106				
Kankakee.....	100	80	92	105	75	85	113	Ford.....	97	63	100	109	66	99	86	120	Jackson.....	100	73	103	100	40	91	82	106				
Kendall.....	97	62	78	100	95	100	62	Fulton.....	102	55	110	106	30	97	80	93	Jasper.....	110	50	93	70	40	47	55	111				
Knox.....	97	80	96	107	80	103	82	Greene.....	107	71	104	110	65	107	93	113	Jefferson.....	104	46	70	82	46	33	61	107				
Lake.....	97	72	92	100	62	85	106	Hancock.....	107	71	104	110	65	107	93	113	Johnson.....	*101	70	89	106	39	73	70	106				
LaSalle.....	96	66	82	90	77	84	96	Jersey.....	137	54	102	92	25	88	75	96	Lawrence.....	105	95	66	85	48	80	56	90				
Lee.....	85	100	94	*101	75	100	40	Logan.....	108	61	101	108	65	102	52	108	Madison.....	104	55	86	95	52	77	70	86				
Livingston.....	80	75	95	97	85	100	63	Macoupin.....	102	56	96	107	88	73	44	106	Marion.....	102	77	87	97	65	63	52	102				
Marshall.....	95	97	90	90	115	110	110	Macon.....	101	55	97	96	34	80	77	61	Massac.....	102	75	102	117	55	86	81	113				
McHenry.....	100	90	89	105	92	112	76	Mason.....	107	60	102	105	57	102	77	106	Monroe.....	115	75	85	70	82	100	86	110				
McNairy.....	90	71	85	95	90	100	62	McDonough.....	107	82	117	108	58	106	67	115	Perry.....	115	80	77	98	50	60	67	119				
Ogle.....	95	75	92	98	75	97	62	McLean.....	90	78	98	110	72	86	67	112	Pope.....	103	75	92	98	*50	87	61	99				
Peoria.....	106	77	77	102	75	95	81	Menard.....	102	66	105	105	53	103	62	112	Pulaski.....	114	50	100	77	73	95	64	111				
Putnam.....	102	77	79	102	82	90	91	Morgan.....	106	40	109	104	47	72	92	96	Randolph.....	105	69	75	93	62	52	67	103				
Rock Island.....	100	83	80	110	60	83	65	Montgomery.....	107	81	99	108	80	107	94	102	Richland.....	95	65	83	95	55	85	65	105				
Stark.....	100	86	85	102	75	100	90	Moultrie.....	88	47	85	102	48	87	54	97	Saline.....	95	50	85	60	56	63	54	99				
Stephenson.....	66	85	93	99	72	90	76	Platt.....	100	62	100	100	62	87	74	102	St. Clair.....	105	50	83	90	103	50	85	90				
Warren.....	103	82	95	109	82	100	50	Pike.....	103	68	112	97	29	60	74	116	Union.....	102	95	90	103	50	85	90	103				
Whiteside.....	100	75	90	100	80	50	70	Sangamon.....	106	72	104	104	44	100	71	106	Wabash.....	107	83	85	69	59	74	82	100				
Will.....	97	87	98	96	...	...	...	Schuyler.....	112	50	101	108	75	95	95	108	Washington.....	116	99	87	65	42	75	63	100				
Winnebago.....	87	75	78	90	52	95	68	Scott.....	113	67	103	108	40	82	74	92	Wayne.....	91	55	51	53	38	62	42	106				
Woodford.....	101	72	91	95	72	97	98	Shelby.....	108	27	103	108	100	83	74	93	White.....	108	64	62	94	54	80	61	107				
Average.....	95	77	88	101	77	94	80	Tazewell.....	110	60	97	140	64	105	77	112	Williamson.....	102	74	74	100	62	56	62	112				
								Vermilion.....	124	42	100	110	110	71	40	40	Average.....	105	67	88	91	55	73	68	103				

*Estimated.

CONDITION SPRING WHEAT MAY 1, 1889.

NORTHERN DIVISION.																CENTRAL DIVISION.																SOUTHERN DIVISION.																					
COUNTIES.	Average condition May 1.																Ac. 1889 com- pared with '88.	COUNTIES.	Average condition May 1.																Ac. 1889 com- pared with '88.	COUNTIES.	Average condition May 1.																Ac. 1889 com- pared with '88.
	Average condition May 1.																		Average condition May 1.																		Average condition May 1.																
	1889	1888	1887	1886	1885	1884	1883	1882	1889	1888	1887	1886	1885	1884	1883	1882			1889	1888	1887	1886	1885	1884	1883	1882	1889	1888	1887	1886	1885	1884	1883	1882																			
Boone.....	117	101	95	102	100	85	97	100	93	Adams.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Alexander..	...	...	...	...	...	...	...														
Bureau.....	90	101	90	89	100	90	90	100	90	Brown.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bond.....	...	...	...	...	...	...	...														
Carroll.....	96	101	92	95	100	100	100	100	100	Calhoun.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Clay.....	...	...	...	...	...	...	...														
Cook.....	100	100	93	97	105	105	97	96	102	Cass.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Crawford...	...	...	...	...	...	...	60	
DeKalb.....	110	98	100	108	102	99	...	...	105	Champaign..	105	100	100	100	100	100	100	100	100	100	100	100	100	Edwards...	...	...	...	...	...	...	...															
DuPage.....	107	102	97	100	110	100	100	100	100	Christian.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Efingham..	...	...	...	...	...	...	...														
Grundy.....	95	110	*112	80	100	100	100	100	92	Clark.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Fayette...	...	...	...	...	...	...	...														
Henderson...	...	80	93	102	100	100	100	100	100	Coles.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Franklin...	...	...	...	...	...	...	...														
Henry.....	97	103	94	90	102	97	100	100	100	Cumberland..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Gallatin...	...	...	...	...	...	...	95	
Iroquois...	110	110	90	100	105	105	100	100	102	DeWitt.....	100	100	67	90	100	100	100	110	95	Hamilton...	...	...	...	...	Hardin...	...	...	...	...	...	...	100											
JoDavies...	100	110	100	100	100	90	87	100	100	Douglas.....	...	...	...	...	...	...	...	...	...	Jackson...	...	...	...	...	Jackson...	...	...	...	...	...	...	100		
Kane.....	105	100	92	97	100	90	100	100	100	Edgar.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Jasper...	...	...	...	...	...	...	102	
Kankakee...	107	100	92	92	100	100	100	100	100	Ford.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Jefferson...	...	...	...	...	...	...	75	
Kendall.....	102	99	89	95	102	100	100	100	100	Greene.....	90	60	...	...	...	...	...	...	...	...	...	...	...	...	Johnson...	...	...	...	...	...	...	...														
Knox.....	108	100	92	97	105	100	90	100	100	Eulton.....	100	100	100	100	100	100	100	100	100	...	...	...	...	...	Lawrence...	...	...	...	...	...	...	...														
Lake.....	107	105	97	90	103	93	98	98	97	Hancock.....	75	100	...	...	...	...	...	...	...	...	...	...	...	...	Madison...	...	...	...	...	...	...	...														
LaSalle.....	88	93	95	96	92	95	100	90	83	Jersey.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Marion...	...	...	...	...	...	...	...														
Lee.....	107	105	97	102	101	100	102	95	100	Logan.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Massac...	...	...	...	...	...	...	100	
Livingston..	95	90	80	85	...	...	...	...	...	Macon.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Monroe...	...	...	...	...	...	...	...														
Marshall.....	100	97	95	92	90	100	100	100	100	Macoupin...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Monroe...	...	...	...	...	...	...	...														
McHenry.....	116	100	100	100	100	100	100	100	92	Mason.....	100	100	100	100	100	100	87	85	95	...	...	...	...	...	Perry.....	...	...	...	...	...	...	...														
Mercer.....	90	95	72	83	102	...	...	...	50	McDonough..	97	100	87	100	100	100	102	100	100	...	...	...	...	...	Pope.....	...	...	...	...	...	...	100							
Ogle.....	95	100	95	102	90	90	100	100	100	McLean.....	105	95	95	100	102	100	100	100	100	...	...	...	...	...	Pulaski...	...	...	...	...	...	...	...														
Peoria.....	...	100	80	85	...	93	...	...	90	Menard.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Randolph..	...	...	...	...	...	...	...														
Putnam.....	100	102	87	91	104	100	100	100	100	Montgomery..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Richland...	...	...	...	...	...	...	...														
Rock Island	97	100	88	95	102	85	100	100	105	Morgan.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Saline.....	...	...	...	...	...	...	...														
Stark.....	105	100	85	92	98	100	98	100	97	Moultrie.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	St. Clair...	...	...	...	...	...	...	90	
Stephenson..	105	100	86	98	94	107	100	100	100	Piatt.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Union.....	...	...	...	...	...	...	...														
Warren.....	100	101	98	98	102	97	100	100	93	Pike.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Wabash...	...	...	...	...	...	...	...														
Whiteville...	105	100	97	87	100	90	100	100	95	Sangamon...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Washington	...	...	...	...	...	...	...														
Will.....	90	95	102	95	117	100	100	100	101	Schuyler.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Wayne...	...	...	...	...	...	...	...														
Winnebago...	110	100	87	100	100	85	98	100	106	Scott.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	White.....	...	...	...	...	...	...	...														
Woodford...	77	100	83	95	100	100	97	...	100	Shelby.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Shelby...	...	...	...	...	...	...	...														
										Tazewell.....	80	100	...	...	...	...	...	...	...	...	...	...	...	...	Williamson..	...	...	...	...	...	...	...														
Average.....	101	101	92	94	101	95	99	94	76	Vermilion...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Average.....	...	...	...	...	...	...	...														
											95	87	95	98	98	100	97	97													100																						

*Estimated.

NORTHERN DIVISION.

CENTRAL DIVISION.

SOUTHERN DIVISION.

COUNTIES.	Average condition May 1.										Average condition May 1.										Average condition May 1.									
	COUNTIES.										COUNTIES.										COUNTIES.									
	1889	1888	1887	1886	1885	1884	1883	1882	1881		1889	1888	1887	1886	1885	1884	1883	1882	1881		1889	1888	1887	1886	1885	1884	1883	1882	1881	
Boone	92	87	104	102	100	97	96	100	100	81	Adams	100	80	100	100	90	100	92	80	Alexander ..	100	95	105	...	80	90	95	106	100	
Bureau	98	86	97	99	100	90	100	100	100	100	Brown	97	80	100	107	47	90	100	...	Bond	100	80	110	...	50	75	75	110	100	
Carroll	92	90	97	102	89	104	88	120	96	100	Calhoun .....	...	...	...	...	97	100	100	...	Clay	110	87	95	85	...	75	71	82	...
Cook	102	93	92	108	97	77	100	100	102	102	Cass	105	70	99	100	100	97	108	77	Clinton	100	60	90	90	100	84	60	103	85	
DeKalb	100	92	103	107	95	100	100	100	100	100	Champaign ..	100	81	100	100	100	100	107	...	Crawford	100	60	85	100	85	80	98	100	100	
DuPage	95	87	87	112	97	91	105	100	100	100	Christian	100	75	104	105	85	95	70	96	Edwards	75	...	100	100	95	100	100	100	95	
Grundy	100	89	110	86	98	90	98	90	100	100	Clark	86	55	97	94	35	58	62	91	Edgingham ..	98	70	105	94	82	96	85	98	95	
Henderson	92	82	97	102	95	100	92	104	100	100	Coles	100	75	97	100	75	100	86	98	Fayette	100	30	100	105	45	57	64	96	92	
Henry	103	98	92	102	91	84	82	102	105	100	Cumberland ..	100	70	107	100	100	100	65	90	Franklin	87	100	...	90	...	75	105	80	...	
Iroquois	102	88	93	96	97	91	86	115	80	100	Dewitt	99	80	97	102	75	106	77	103	Gallatin	100	70	100	87	50	90	70	95	80	
JoDavies	97	100	103	95	92	100	91	100	80	100	Douglas	100	75	100	97	80	95	62	101	Hamilton	100	70	100	87	50	90	70	93	80	
Kane	99	95	96	99	97	93	91	107	70	100	Edgar	75	80	87	100	...	...	100	70	Jackson	93	100	...	...	100	87	102	100	...
Kankakee	105	85	93	95	100	102	95	110	100	100	Ford	98	92	87	100	90	100	93	104	Jasper	105	60	95	72	63	66	70	110	80	
Kendall	99	84	95	103	95	101	83	96	90	100	Fulton	95	90	95	103	92	100	93	104	Jefferson	115	65	85	93	54	48	65	96	71	
Knox	96	91	99	100	92	100	82	104	102	100	Greene	103	85	100	110	75	100	105	110	Johnson	99	100	100	100	67	82	78	88	100	
Lake	102	92	96	100	87	100	88	107	76	100	Hancock	103	85	100	106	100	103	96	100	Lawrence	100	...	...	...	80	90	95	90	...
LaSalle	99	84	87	102	100	110	93	96	107	100	Jersey	100	100	100	102	97	100	95	101	Madison	102	30	90	100	87	80	85	95	92	
Lee	102	100	95	101	99	101	77	108	100	100	Loran	110	100	100	103	96	76	106	92	Marion	107	90	82	75	...	55	101	60	...	
Livingston	82	90	92	94	88	95	87	98	100	100	Macon	100	90	100	103	90	75	96	80	Massac	50	75	80	110	50	70	87	108	...	
Marshall	95	100	95	100	100	103	105	100	106	100	Macoupin	107	85	97	90	75	96	80	87	Monroe	110	...	98	95	93	105	95	100	87	
McHenry	100	100	100	100	100	109	87	108	100	100	Mason	100	85	100	97	...	...	100	97	Perry	112	90	90	72	87	88	99	99	75
McRee	107	100	84	106	97	104	95	106	96	100	McDonough ..	95	90	100	100	83	100	102	92	Pope	100	80	90	...	42	70	100	100	...	
Ogle	100	103	97	107	85	104	95	106	96	100	McLean	97	90	95	101	80	91	77	97	Pulaski	106	...	100	100	100	100	100	100	100	...
Peoria	95	85	90	100	86	94	91	103	100	100	Menard	120	92	100	100	92	100	86	111	Randolph	103	100	100	100	100	100	85	103	...	
Putnam	107	96	91	102	93	100	95	105	105	100	Montgomery ..	106	77	100	110	58	89	82	95	Richland	103	95	95	97	80	77	64	101	53	
Rock Island	90	92	86	95	83	97	75	105	98	100	Morgan	101	90	96	102	90	100	92	105	Saline	100	100	100	100	100	66	100	100	85
Stark	100	93	90	100	88	97	99	105	102	100	Moultrie	85	St. Clair	100	100	100	100	100	95	100	100	100
Stephenson	86	90	99	100	86	91	88	104	85	100	Platt	90	82	100	100	75	97	83	102	Union	97	100	...	...	70	97	95	100	88
Warren	102	94	98	103	90	100	94	106	103	100	Pike	103	91	100	100	100	98	100	106	Wabash	100	76	95	60	77	91	85	100	90	
Whiteside	83	90	96	104	85	102	85	105	103	100	Sangamon	105	100	102	102	98	100	102	102	Washington ..	100	47	65	50	...	100	46	101	65	
Will	100	99	99	122	98	100	100	102	107	91	Senay	110	90	100	107	75	95	82	90	Wayne	100	76	95	60	77	91	85	100	90	
Winnebago	97	99	102	97	87	100	98	109	95	100	Scott	105	95	100	107	85	96	90	97	White	110	82	60	95	...	95	75	110	75	
Woodford	98	92	97	97	78	100	88	100	101	100	Sueby	102	70	104	107	96	96	90	97	Williamson ..	100	90	95	109	...	75	82	98	...	
Average ..	97	89	95	102	91	96	91	104	95	100	Vermilion	105	92	100	100	100	80	82	104	Average	99	78	92	92	71	85	78	99	85	

*Estimated

ACREAGE AND CONDITION OF OATS MAY 1, 1889.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.										
COUNTIES.					Average condition May 1.					COUNTIES.					Average condition May 1.					COUNTIES.					Average condition May 1.					
1889	1888	1887	1886	1885	1884	1883	1882	Acre. 1889 compared with '88.		1889	1888	1887	1886	1885	1884	1883	1882	Acre. 1889 compared with '88.		1889	1888	1887	1886	1885	1884	1883	1882	Acre. 1889 compared with '88.		
Boone.....	104	103	94	102	85	65	92	95	92	Adams.....	95	98	83	98	80	99	98	99	98	99	Alexander.....	102	103	90	97	90	100	86	96	103
Bureau....	100	107	91	86	99	82	100	90	102	Brown.....	98	83	98	75	97	87	95	89	100	96	Bond.....	113	85	92	92	90	84	90	93	90
Carroll....	100	101	88	97	106	103	100	90	97	Calhoun.....	105	92	100	82	100	98	100	95	96	100	Clay.....	106	91	100	85	100	90	97	85	94
Cook.....	101	104	102	102	105	98	92	108	90	Cass.....	96	100	92	94	98	92	99	98	100	100	Clinton.....	101	79	87	95	86	100	90	95	74
DeKalb....	101	104	102	102	105	98	92	108	90	Champaign.....	94	85	73	96	98	97	108	97	108	97	Crawford.....	104	75	67	80	87	91	92	92	94
DuPage....	98	98	102	90	120	87	90	100	85	Christian.....	96	96	94	98	94	89	82	96	97	108	Edwards.....	103	85	60	100	100	95	102	92	90
Grundey..	115	105	100	82	101	83	97	100	90	Clark.....	114	75	87	92	96	96	90	110	101	101	Effingham.....	109	85	86	101	80	105	100	87	102
Henderson	87	95	92	87	96	95	98	100	100	Coles.....	105	82	90	90	103	97	95	100	105	105	Fayette.....	115	65	85	106	97	102	98	98	94
Henry.....	90	103	92	67	104	86	100	103	93	Cumberland.....	121	84	83	82	77	97	94	96	100	95	Franklin.....	110	95	100	97	96	92	100	100	97
Iroquois..	104	106	91	90	104	81	98	100	89	Dewitt.....	95	94	80	80	110	101	97	102	105	95	Gallatin.....	104	83	85	90	85	97	105	90	62
JoDavies..	103	105	97	97	87	95	100	100	98	Douglas.....	102	97	82	90	110	97	80	108	94	100	Hamilton.....	102	76	72	94	97	100	105	90	87
Kane.....	101	99	94	96	95	96	100	100	96	Eggar.....	94	80	70	83	95	98	103	90	94	95	Hardin.....	113	95	85	100	79	100	90	85	100
Kankakee..	107	105	89	97	87	87	100	100	96	Ford.....	103	102	91	87	103	93	96	98	95	100	Jasper.....	92	65	82	97	90	95	85	100	95
Kendall....	102	100	87	82	99	92	98	100	92	Fulton.....	90	99	87	95	95	100	96	100	96	100	Jefferson.....	100	79	84	96	88	99	100	86	98
Knox.....	97	102	93	92	104	95	95	111	105	Greene.....	90	91	92	98	102	100	96	100	96	100	Johnson.....	100	88	90	91	100	78	100	92	85
Lake.....	92	100	95	90	100	100	100	103	98	Hancock.....	99	103	93	97	110	98	100	92	100	92	Lawrence.....	104	88	90	83	94	103	95	100	94
LaSalle....	88	97	94	86	85	91	96	93	87	Jersey.....	75	75	76	83	72	100	75	93	100	97	Madison.....	94	98	90	83	94	103	95	100	94
Lee.....	168	164	99	92	99	93	100	99	100	Legan.....	95	96	92	91	102	101	96	97	100	102	Marion.....	107	83	84	100	90	102	97	96	96
Livingston	98	100	100	87	88	102	89	100	105	Macoupin.....	102	91	91	92	101	102	100	100	100	100	Massac.....	108	75	82	103	107	88	99	100	87
Marshall..	97	103	100	87	100	100	100	100	97	Mason.....	95	102	82	83	87	80	91	100	95	100	Monroe.....	95	80	90	100	97	82	97	96	96
McHenry...	92	108	98	75	102	74	95	94	92	McDonough.....	106	96	90	88	103	103	93	100	95	100	Perry.....	107	84	83	100	97	101	100	95	96
Mercer.....	97	105	93	98	100	83	81	95	96	McLean.....	99	96	90	85	105	102	97	83	90	96	Pope.....	118	75	73	97	100	97	100	74	74
Peoria.....	95	107	83	63	102	81	92	96	102	Menard.....	90	97	85	95	102	97	90	83	99	93	Pulaski.....	102	95	92	83	95	87	100	100	70
Putnam....	102	102	92	84	98	100	100	99	100	Montgomery.....	101	97	88	105	87	90	90	93	93	100	Richland.....	102	96	70	97	97	102	89	92	95
Rock Island	96	102	94	91	100	95	97	100	94	Morgan.....	97	97	82	99	88	100	91	95	106	103	Saline.....	110	90	87	97	93	91	97	86	95
Stark.....	96	102	94	91	100	95	97	100	94	Moutrie.....	103	93	75	83	100	87	100	87	100	103	St. Clair.....	100	90	77	90	86	100	97	94	87
Stephenson.	102	103	101	94	105	99	105	100	94	Platt.....	100	100	92	87	100	106	97	110	96	103	Union.....	98	89	87	90	95	80	87	95	100
Warren....	107	100	90	82	98	75	100	80	95	Pike.....	100	100	92	87	100	106	97	110	96	103	Wabash.....	107	74	74	90	96	87	97	100	91
Whiteside.	107	100	90	82	98	75	100	80	95	Sangamon.....	95	93	93	94	97	102	90	97	94	103	Washington.....	98	86	80	98	85	100	100	90	75
Will.....	93	110	100	94	114	87	103	92	101	Schuyler.....	105	107	80	90	94	97	100	95	91	105	Wayne.....	109	88	94	85	100	100	69	81	88
Winnebago.	101	100	96	97	100	90	100	90	100	Scott.....	103	80	90	84	97	100	92	97	98	100	White.....	112	85	52	92	94	90	101	89	77
Woodford..	100	106	83	95	97	98	95	102	97	Tazewell.....	102	101	85	97	90	100	97	105	105	98	Williamson.....	105	84	82	94	95	87	100	92	77
Average	99	102	91	90	100	90	98	97	96	Vermilion.....	100	90	90	100	100	97	105	105	98	Average	105	84	84	96	91	93	96	91	90	

*Estimated.

WAGES PAID TO FARM HANDS, SEASON 1889.

CROP REPORT.

15

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.				
COUNTIES.					COUNTIES.					COUNTIES.				
Per day with board.	Per day with out board.	Per month with board.	Per month without board.		Per day with board.	Per day with out board.	Per month with board.	Per month without board.		Per day with board.	Per day with out board.	Per month with board.	Per month without board.	
Roone.....	\$1 00	\$1 30	\$27 00	00	Adams.....	\$0 80	\$1 15	\$17 35	00	Alexander.....	\$0 55	\$0 80	\$13 65	\$20 65
Bureau.....	1 00	1 30	19 60	26 80	Brown.....	75	95	16 15	21 35	Bond.....	70	95	14 00	19 35
Carroll.....	1 00	1 25	18 75	25 00	Calhoun.....	75	1 00	16 35	20 00	Clay.....	70	95	13 65	19 65
Cook.....	1 00	1 25	17 50	27 50	Cass.....	80	1 10	20 00	26 00	Clinton.....	1 05	1 40	14 60	25 00
DeKalb.....	1 00	1 25	19 50	26 35	Champaign.....	85	1 15	17 75	24 20	Crawford.....	70	95	15 25	21 40
DuPage.....	1 00	1 50	19 00	28 00	Clark.....	85	1 05	17 40	24 50	Edwards.....	75	1 00	17 35	17 00
Grundy.....	1 00	1 40	19 00	30 00	Clark.....	75	1 00	15 50	21 60	Effingham.....	75	1 00	14 75	20 00
Henderson.....	1 00	1 25	20 50	27 75	Coles.....	80	1 10	16 25	22 00	Fayette.....	75	1 00	13 50	18 00
Henry.....	1 00	1 40	19 35	25 35	Cumberland.....	85	1 10	14 50	21 00	Franklin.....	60	75	10 00	13 00
Inyois.....	95	1 25	18 75	28 15	DeWitt.....	95	1 25	18 25	23 50	Gallatin.....	60	80	15 00	20 25
JoDaviss.....	90	1 15	19 35	25 50	Douglas.....	1 00	1 25	18 00	23 50	Hamilton.....	50	75	13 50	18 85
Kane.....	1 05	1 35	20 00	28 50	Edgar.....	75	1 00	17 00	24 50	Hardin.....	*55	*70	*13 65	*17 55
Kankakee.....	85	1 25	19 00	28 00	Ford.....	1 00	1 25	18 35	27 00	Jackson.....	65	1 00	15 00	24 00
Kendall.....	1 00	1 25	19 30	27 50	Fulton.....	85	1 25	18 20	24 40	Jasper.....	65	90	15 00	19 60
Knox.....	95	1 15	19 40	27 10	Greene.....	95	1 10	18 00	24 00	Jefferson.....	55	75	13 00	18 00
Lake.....	90	1 25	19 00	25 00	Hancock.....	1 00	1 25	18 40	24 65	Johnson.....	*55	*80	*13 70	*19 60
LaSalle.....	1 00	1 35	19 10	27 80	Jersey.....	75	1 00	16 00	25 00	Lawrence.....	75	1 00	15 20	22 65
Lee.....	1 00	1 35	20 00	29 50	Logan.....	90	1 35	19 40	24 80	Madison.....	70	1 10	16 35	23 00
Livingson.....	1 15	1 55	19 65	26 65	Macoupin.....	85	1 00	18 65	25 00	Marion.....	80	1 10	13 85	18 65
Marshall.....	95	1 15	20 00	26 00	Mason.....	75	1 00	18 00	25 00	Massac.....	60	85	13 65	25 00
McHenry.....	1 00	1 35	18 35	26 00	McDonough.....	1 00	1 30	18 15	25 60	Monroe.....	55	84	14 50	20 50
Mercer.....	1 00	1 25	19 35	26 35	McLean.....	85	1 10	18 50	25 50	Perry.....	60	85	13 00	19 00
Ogle.....	1 00	1 25	20 00	26 25	Menard.....	85	1 20	18 00	23 00	Pope.....	55	70	13 00	16 35
Peoria.....	1 00	1 25	19 35	27 00	Montgomery.....	85	1 25	19 75	25 75	Pulaski.....	65	95	14 00	21 00
Putnam.....	1 05	1 35	20 60	26 25	Morgan.....	75	1 05	16 40	23 20	Randolph.....	70	95	14 00	20 65
Rock Island.....	1 00	1 30	19 80	28 25	Moultrie.....	85	1 10	18 20	23 30	Richland.....	60	80	14 00	20 00
Stark.....	95	1 25	21 60	27 00	Pike.....	90	1 15	18 00	25 35	Saline.....	50	65	13 00	16 00
Stephenson.....	95	1 20	18 30	24 00	Sangamon.....	75	1 00	17 35	25 00	St. Clair.....	75	1 00	15 00	*22 25
Warren.....	1 00	1 30	19 80	26 80	Schuyler.....	75	1 00	17 50	24 00	Union.....	60	80	14 60	19 80
Whiteside.....	90	1 25	19 65	29 35	Scott.....	80	1 00	17 40	24 50	Wabash.....	75	1 00	16 35	22 00
Will.....	1 00	1 40	17 75	21 50	Shelby.....	95	1 15	18 65	23 00	Washington.....	45	80	13 50	22 00
Winnebago.....	1 05	1 35	20 00	29 00	Steuier.....	85	1 10	18 00	24 65	Wayne.....	65	85	14 00	19 25
Woodford.....	1 00	1 40	18 40	25 50	Tazewell.....	75	1 00	16 40	21 65	White.....	70	95	16 00	20 00
Average.....	\$1 00	\$1 30	\$19 35	\$28 90	Vermilion.....	1 00	1 30	18 25	25 75	Williamson.....	55	75	14 00	18 50
					Average.....	\$0 85	\$1 10	\$17 65	\$24 15	Average.....	\$0 65	\$0 90	\$14 20	\$19 95

* Estimated.

LIVE STOCK.

Number and Condition.

COUNTIES.	CATTLE.		DAIRY COWS.		HORSES.		MUEES.		HOGS.		SHEEP.	
	No. on hand May 1, 1889, compared with May 1, 1888.	Condition May 1, 1889.	No. on hand May 1, 1889, compared with May 1, 1888.	Condition May 1, 1889.	No. on hand May 1, 1889, compared with May 1, 1888.	Condition May 1, 1889.	No. on hand May 1, 1889, compared with May 1, 1888.	Condition May 1, 1889.	No. on hand May 1, 1889, compared with 1888.	Condition May 1, 1889.	No. on hand May 1, 1889, compared with May 1, 1888.	Condition May 1, 1889.
	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Adams.....	77	88	95	87	93	97	77	95	83	92	90	100
Alexander.....	108	107	100	110	101	102	102	102	83	100	90	97
Bond.....	110	100	102	100	98	100	98	100	123	100	102	100
Boone.....	95	101	101	101	101	100	100	100	92	102	89	100
Brown.....	105	105	102	102	105	102	100	103	100	103	83	103
Bureau.....	99	100	98	101	98	100	93	97	89	99	88	100
Calhoun.....	90	80	75	75	90	92	70	62	105	92	70	65
Carroll.....	100	105	104	116	102	105	100	100	81	100	92	106
Cass.....	92	100	100	100	102	102	97	100	95	102	110	100
Champaign.....	87	90	97	93	101	94	100	100	77	100	102	100
Christian.....	97	106	86	105	97	101	89	100	91	103	102	106
Clark.....	100	97	98	97	98	98	94	98	85	98	89	99
Clay.....	98	107	100	110	101	103	92	100	87	107	78	103
Clinton.....	107	97	96	110	97	106	84	105	110	110	87	100
Coles.....	101	104	94	103	101	100	100	100	99	101	96	100
Cook.....	95	102	100	102	100	100	100	100	92	102	100	100
Crawford.....	94	95	95	92	97	96	85	96	83	99	71	99
Cumberland.....	91	112	93	120	104	115	94	105	112	112	99	101
DeKalb.....	97	101	102	100	100	100	100	100	97	102	98	100
DeWitt.....	95	102	90	102	101	105	97	102	91	97	87	100
Douglas.....	95	105	100	102	101	102	100	102	90	102	99	105
DuPage.....	102	95	106	103	102	101	100	100	104	105	85	100
Edgar.....	90	102	97	100	101	100	92	104	97	97	99	100
Edwards.....	100	122	97	102	105	117	97	117	93	125	78	117
Effingham.....	108	115	102	107	104	104	100	101	110	110	95	102
Fayette.....	110	105	95	105	107	105	95	100	115	112	105	105
Ford.....	93	102	100	100	102	99	100	100	92	100	105	100
Franklin.....	110	100	95	100	100	100	95	100	110	100	80	100
Fulton.....	95	99	101	99	103	101	97	100	98	100	90	103
Gallatin.....	104	105	100	108	100	103	100	105	107	101	100	103
Greene.....	99	105	93	100	101	104	97	102	91	101	97	105
Grundy.....	90	100	87	97	115	100	100	100	80	100	85	100
Hamilton.....	92	101	97	103	102	109	84	105	86	115	81	100
Hancock.....	98	105	91	101	102	102	99	102	94	101	97	100
Hardin.....	92	97	90	100	92	92	90	95	75	92	97	97
Henderson.....	103	100	100	100	105	97	100	100	103	103	102	100
Henry.....	92	101	92	103	101	104	98	102	97	102	90	101
Iroquois.....	90	87	95	90	87	90	87	90	90	87	70	87
Jackson.....	96	110	100	106	99	110	95	105	114	110	89	100
Jasper.....	90	104	97	102	101	105	94	105	111	117	89	107
Jefferson.....	101	87	100	100	102	100	100	100	95	105	75	100
Jersey.....	103	105	102	103	100	103	100	103	98	102	105	102
JoDavies.....	97	101	99	101	102	100	97	99	94	100	96	101
Johnson.....	101	100	103	100	104	105	100	100	92	102	100	100
Kane.....	99	100	99	100	101	101	98	100	96	101	96	100
Kankakee.....	96	102	97	99	103	101	95	99	89	89	90	93
Kendall.....	100	103	103	100	98	103	100	100	88	103	84	95
Knox.....	79	100	93	120	99	101	97	100	88	97	82	108
Lake.....	99	98	95	102	101	101	96	100	99	101	95	103
LaSalle.....												
Lawrence.....												

LIVE STOCK—Continued.

Number and Condition.

COUNTIES.	CATTLE.		DAIRY COWS.		HORSES.		MULES.		HOGS.		SHEEP.	
	No. on hand May 1, 1889, compared with May 1, 1888.	Condition May 1, 1889.	No. on hand May 1, 1889, compared with May 1, 1888.	Condition May 1, 1889.	No. on hand May 1, 1889, compared with May 1, 1888.	Condition May 1, 1889.	No. on hand May 1, 1889, compared with May 1, 1888.	Condition May 1, 1889.	No. on hand May 1, 1889, compared with May 1, 1888.	Condition May 1, 1889.	No. on hand May 1, 1889, compared with May 1, 1888.	Condition May 1, 1889.
	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Lee.....	95	100	100	100	103	100	99	100	88	100	97	101
Livingston.....	95	93	87	92	97	97	87	90	80	100	95	97
Logan.....	98	107	100	102	102	99	95	99	94	100	100	102
Macon.....	92	99	93	99	102	98	97	99	88	105	97	100
Macoupin.....	104	100	102	101	104	100	93	101	80	104	100	102
Madison.....	107	104	105	106	100	105	100	103	103	111	93	102
Marion.....	98	104	99	100	98	101	95	101	93	102	93	98
Marshall.....	95	94	98	94	98	99	93	95	92	99	98	99
Mason.....	108	99	100	97	99	99	98	100	100	102	100	100
Massac.....	100	95	100	90	103	110	100	110	85	90	105	105
McDonough.....	97	105	97	105	104	106	96	106	76	100	97	105
McHenry.....	103	102	107	104	103	103	90	95	98	100	87	100
McLean.....	92	100	99	102	104	102	105	100	104	103	88	160
Menard.....	86	104	95	105	103	103	96	102	86	100	97	101
Mercer.....	93	108	93	108	88	100	97	100	103	100	90	100
Monroe.....	110	107	112	107	110	105	97	105	82	105	100	100
Montgomery.....	94	108	95	108	100	106	99	104	113	107	101	106
Morgan.....	88	105	100	102	102	101	95	98	104	105	95	102
Moultrie.....	93	100	100	95	97	100	93	100	95	100	77	100
Ogle.....	90	104	93	104	99	100	100	100	86	100	86	100
Peoria.....	89	102	97	100	102	100	97	100	87	110	87	102
Perry.....	105	107	105	108	102	107	98	103	105	108	98	106
Piatt.....	103	103	97	100	97	100	100	100	95	100	95	100
Pike.....	90	100	92	100	102	103	100	100	102	102	100	100
Pope.....	98	103	100	103	105	102	104	103	78	103	85	103
Pulaski.....	100	105	107	100	100	100	105	100	93	98	101	103
Putnam.....	99	102	102	103	101	101	101	101	96	100	110	100
Randolph.....	102	102	102	105	102	103	94	101	95	102	86	101
Richland.....	92	98	97	97	96	96	89	99	92	100	90	96
Rock Island.....	97	96	99	99	97	101	92	100	83	103	75	95
Saline.....	100	100	100	100	102	100	98	100	90	90	100	100
Sangamon.....	82	100	92	100	105	101	101	101	94	96	100	100
Schuyler.....	107	117	106	117	100	112	97	112	122	112	97	112
Scott.....	110	107	100	100	100	100	100	100	105	100	100	100
Shelby.....	95	106	103	103	101	106	99	102	97	99	100	102
Stark.....	100	105	102	107	98	98	100	100	97	98	105	102
St. Clair.....	100	100	105	100	100	100	100	100	110	100	100	100
Stephenson.....	96	101	102	102	101	100	100	100	100	103	98	102
Tazewell.....	97	105	99	105	99	102	98	98	86	105	98	103
Union.....	91	104	100	102	99	100	91	100	96	101	80	98
Vermilion.....	103	100	85	102	106	105	75	103	97	110	100	108
Wabash.....	103	92	102	89	102	99	100	98	95	100	95	95
Warren.....	100	102	97	103	103	102	100	102	96	102	96	99
Washington.....	106	106	110	109	99	102	101	105	101	102	98	102
Wayne.....	97	103	97	103	99	102	95	102	92	103	104	101
White.....	77	103	100	105	98	100	92	100	80	105	93	105
Whiteside.....	103	103	103	103	95	103	100	105	92	107	100	100
Will.....	99	102	100	97	102	100	80	97	98	100	99	100
Williamson.....	97	102	103	102	103	104	92	100	104	102	90	102
Winnebago.....	95	103	95	104	97	105	99	100	97	101	80	103
Woodford.....	92	106	95	100	95	102	99	100	92	103	99	101

GRAIN PROSPECTS.

Acreage, Condition, Etc.

COUNTIES.	WINTER WHEAT.		WINTER RYE.		SPRING WHEAT.		OATS.		BARLEY.		MEADOWS.		PASTURES.	
	Acreage winter-killed destroyed by floods or Hessian fly.	Condition May 1, 1889.	Acreage winter-killed destroyed by floods or Hessian fly.	Condition May 1, 1889.	Acreage compared with 1888.	Condition May 1, 1889.	Acreage compared with 1888.	Condition May 1, 1889.	Acreage compared with 1888.	Condition May 1, 1889.	Acreage compared with 1888.	Condition May 1, 1889.	Acreage compared with 1888.	Condition May 1, 1889.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams	10	97	5	100			95	98			83	93	90	100
Alexander		100		100			102	90			98	101	100	105
Bond	6	107		100			113	85			103	92	100	90
Boone	10	95	12	92	117	101	104	103	109	102	93	100	100	103
Brown	1	93		97			98	83			100	93	105	92
Bureau		93	10	98	90	101	100	101	100	100	97	103	101	107
Calhoun		103					105	92			100	92	95	93
Carroll	10	92	5	92	96	101	100	107	80	100	106	107	94	106
Cass		107		105			96	100			100	101	96	100
Champaign		106		100	105	100	94	85			88	94	89	93
Christian	8	69		100			96	96			100	98	97	102
Clark	19	87	6	86			114	75			101	95	102	87
Clay	10	107		110			106	91			85	89	92	84
Clinton		121		100			101	79			121	105	105	95
Coles	4	97	3	100			105	82			96	92	99	92
Cook		100	5	102	100	100	100	100			100	90	100	92
Crawford	7	101	10	100			104	75			84	68	95	82
Cumberland	10	102		100			121	84			117	94	100	92
DeKalb		94		100	110	98	101	104	90	100	100	104	100	104
DeWitt	5	100	5	99	100	100	95	94			100	100	100	107
Douglas		107		100			102	97			97	102	95	102
DuPage			5	95	107	102	98	98			100	71	100	104
Edgar	27	79	15	75			94	80			94	80	100	82
Edwards	5	121		75			103	85			102	107	102	100
Effingham		102	5	98			109	85			94	92	94	92
Fayette	10	95		100			115	65			110	87	100	87
Ford	10	110	5	98			103	102			100	90	103	97
Franklin		95					110	95			110	100	100	100
Fulton	4	97	1	95	90	60	90	99			103	103	100	102
Gallatin	5	111		87			104	85			102	99	99	91
Greene	6	102	5	105	100	100	90	91	100	100	102	95	105	100
Grundy		100		100	95	110	115	105			87	100	90	97
Hamilton	25	103		100			102	76			102	97	95	91
Hancock	7	107		103	75	100	99	103			95	102	101	104
Hardin														
Henderson	12	82	5	92			87	95			87	85	100	97
Henry		100		103	97	103	90	103	95	105	103	107	100	107
Iroquois	10	100	5	102	110	110	104	106			96	95	98	97
Jackson		100					92	65			95	80	89	80
Jasper	10	110	5	105			113	95			104	95	99	98
Jefferson	12	104		115			100	79			111	101	102	101
Jersey		137		100			75	75			100	87	100	87
Jo Daviess	13	85	7	97	100	110	103	105	100	107	100	103	100	107
Johnson														
Kane	5	100	5	99	105	100	101	99	102	97	103	98	100	101
Kankakee		100		105	107	100	107	105			100	104	101	104
Kendall		97	5	99	102	99	102	100			100	97	112	102
Knox		97	10	96	108	100	97	102			101	104	100	105
Lake	10	97		102	107	105	92	100	103	103	105	105	100	97
LaSalle	5	96		90	88	93	83	97			90	93	97	97
Lawrence	5	105		100			105	90			94	92	109	94
Lee	18	85	10	102	107	105	106	104	100	100	105	99	100	103

GRAIN PROSPECTS—Continued.

Acreage, Condition, Etc.

COUNTIES.	WINTER WHEAT.		WINTER RYE.		SPRING WHEAT.		OATS.		BARLEY.		MEADOWS.		PASTURES.	
	Acreage winter-killed destroyed by floods or Hessian fly.		Acreage winter killed destroyed by floods or Hessian fly.		Acreage compared with 1888.		Acreage compared with 1888.		Acreage compared with 1888.		Acreage compared with 1888.		Acreage compared with 1889.	
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Livingston....	20	80	.....	82	95	90	98	100	.....	.....	98	100	98	97
Logan.....	15	108	.....	110	.....	.....	95	96	.....	.....	100	93	100	93
Macon.....	5	102	.....	100	.....	.....	102	91	.....	.....	87	91	98	94
Macoupin.....	20	101	.....	107	.....	.....	97	92	.....	.....	102	100	100	102
Madison.....	10	104	.....	102	.....	.....	94	98	.....	.....	101	97	105	99
Marion.....	5	102	5	107	.....	.....	107	83	.....	.....	93	86	100	88
Marshall.....	5	95	4	95	100	97	97	103	97	95	100	103	99	103
Mason.....	7	107	.....	100	100	100	95	102	100	100	98	97	100	97
Massac.....	.....	102	5	50	.....	.....	108	75	.....	.....	105	75	115	60
McDonough.....	5	90	3	95	97	100	106	105	.....	.....	100	100	102	102
McHenry.....	3	100	3	100	116	100	100	103	100	103	98	102	100	102
McLean.....	5	100	.....	97	105	95	99	96	.....	.....	90	98	95	101
Menard.....	4	102	.....	120	.....	.....	90	97	.....	.....	99	97	100	96
Mercer.....	.....	90	.....	107	90	95	92	108	.....	.....	103	108	97	108
Monroe.....	.....	115	.....	110	.....	.....	95	80	70	100	115	87	105	90
Montgomery.....	5	106	4	106	.....	.....	101	97	.....	.....	103	104	104	105
Morgan.....	.....	107	.....	101	.....	.....	97	97	.....	.....	96	103	94	106
Moultrie.....	4	88	.....	85	.....	.....	103	83	.....	.....	92	78	92	82
Ogle.....	.....	95	.....	100	95	100	97	105	105	110	100	103	102	107
Peoria.....	.....	106	.....	95	.....	.....	95	107	.....	.....	108	102	102	107
Perry.....	11	115	3	112	.....	.....	107	84	.....	.....	112	96	102	99
Piatt.....	2	100	.....	90	.....	.....	106	93	.....	.....	93	92	100	98
Pike.....	.....	105	.....	103	.....	.....	100	100	.....	.....	105	103	107	105
Pope.....	5	103	.....	100	.....	.....	118	78	.....	.....	100	97	100	97
Pulaski.....	.....	102	.....	100	.....	.....	102	95	.....	.....	107	98	107	102
Putnam.....	.....	102	.....	107	100	102	102	102	.....	.....	105	103	99	107
Randolph.....	.....	114	.....	103	.....	.....	102	96	.....	.....	117	100	102	96
Richland.....	7	105	.....	103	.....	.....	109	86	.....	.....	92	94	87	94
Rock Island.....	10	100	10	90	97	100	97	100	90	100	101	101	102	98
Saline.....	5	95	.....	.....	.....	.....	110	90	.....	.....	100	90	100	90
Sangamon.....	3	106	.....	105	.....	.....	95	93	.....	.....	101	100	100	101
Schuyler.....	.....	112	.....	110	.....	.....	105	107	.....	.....	100	105	100	102
Scott.....	5	113	5	105	.....	.....	103	80	.....	.....	100	100	87	100
Shelby.....	7	108	4	102	.....	.....	100	82	.....	.....	94	93	101	93
Stark.....	1	100	10	100	105	100	96	102	105	100	103	108	102	110
St. Clair.....	.....	105	.....	.....	.....	.....	100	60	.....	.....	100	85	100	85
Stephenson.....	5	66	5	86	105	100	97	101	95	100	96	98	98	98
Tazewell.....	.....	114	.....	100	80	100	102	101	110	90	105	104	100	106
Union.....	7	102	.....	97	.....	.....	98	89	.....	.....	101	95	100	97
Vermilion.....	5	120	.....	105	.....	.....	100	90	.....	.....	103	115	100	105
Wabash.....	5	107	.....	.....	.....	.....	107	74	.....	.....	107	92	106	92
Warren.....	5	103	5	102	100	101	102	103	100	100	100	104	100	104
Washington.....	5	116	.....	106	.....	.....	98	86	.....	.....	103	102	107	104
Wayne.....	2	91	.....	100	.....	.....	109	86	.....	.....	97	86	105	88
White.....	.....	108	.....	110	.....	.....	112	95	.....	.....	100	93	93	93
Whiteside.....	.....	100	.....	83	105	100	107	100	50	100	98	103	100	103
Will.....	5	97	.....	100	90	95	93	110	.....	.....	103	105	98	107
Williamson.....	5	102	5	100	.....	.....	105	84	.....	.....	101	95	103	95
Winnebago.....	12	87	20	97	110	100	100	101	83	100	96	98	100	102
Woodford.....	.....	101	.....	98	77	100	100	106	85	100	98	100	98	103

CORN ON HAND.

COUNTIES.	Bushels produced 1888.	Per cent. 1888 crop in producers' hands May 1, 1889.	Bushels in Producers' Hands, May 1.					
			1889	1888	1887	1886	1885	1884
Adams.....	3,089,775	28	865,137	303,615	224,262	1,016,523	452,519	337,543
Alexander.....	386,539	33	127,558	42,228	28,358	101,717	30,540	35,328
Bond.....	1,413,900	30	424,170	2,204	201,496	151,220	152,010	107,856
Boone.....	1,149,336	23	264,347	42,734	61,136	163,728	170,644	89,221
Brown.....	1,133,360	30	340,008	229,837	90,641	351,337	206,430	401,206
Bureau.....	6,385,715	47	3,001,286	745,929	1,764,061	1,282,333	936,264	1,060,812
Calhoun.....	693,036	50	346,518	83,487	44,182	210,642	131,200	324,780
Carroll.....	2,378,397	30	713,519	275,073	343,788	538,415	625,447	160,660
Cass.....	2,252,160	44	990,950	280,807	260,280	469,633	294,815	214,700
Champaign.....	9,505,104	32	3,041,633	757,510	1,947,924	2,405,792	1,480,072	1,956,588
Christian.....	5,883,506	25	1,470,876	316,839	368,772	1,016,013	495,783	212,051
Clark.....	1,178,730	31	365,406	19,587	318,520	307,443	174,720	404,054
Clay.....	1,014,540	28	284,071	11,922	122,470	84,039	27,514	73,421
Clinton.....	1,836,000	30	550,800	18,461	63,121	230,082	300,037	426,462
Coles.....	2,929,770	29	849,633	138,304	582,930	358,984	137,182	290,765
Cook.....	1,446,930	27	390,671	188,706	117,880	256,844	269,738	68,522
Crawford.....	981,553	35	343,543	63,051	196,729	268,523	186,521	325,786
Cumberland.....	1,138,016	34	386,925	13,133	281,172	181,667	155,864	235,669
DeKalb.....	4,096,480	*32	1,310,874	385,594	642,234	966,004	913,190	335,703
DeWitt.....	3,092,480	27	834,970	307,152	362,683	493,361	478,878	594,090
Douglas.....	3,521,658	25	880,414	162,572	650,646	794,560	478,825	410,425
DuPage.....	833,868	20	166,774	55,594	81,943	269,141	226,968	.....
Edgar.....	3,439,100	22	756,602	306,604	545,708	717,292	734,208	89,701
Edwards.....	488,236	38	185,530	1,670	31,054	39,077	.....	140,328
Effingham.....	1,507,118	44	663,132	7,460	213,389	335,712	169,540	94,724
Fayette.....	1,386,825	30	416,047	.....	131,357	279,564	71,518	50,315
Ford.....	4,360,863	33	1,439,085	407,051	1,031,996	584,819	572,410	201,407
Franklin.....	561,120	33	185,170	51,087	107,645	69,109	19,178	18,830
Fulton.....	5,603,235	47	2,633,520	244,651	470,881	941,280	780,403	575,931
Gallatin.....	819,280	34	278,555	46,073	453,168	262,905	136,800	192,000
Greene.....	3,606,847	42	1,514,876	265,770	691,656	780,505	536,319	793,000
Grundy.....	3,230,152	40	1,292,061	281,366	724,551	656,705	680,763	251,599
Hamilton.....	961,050	25	240,262	15,225	150,886	225,612	150,909	77,194
Hancock.....	3,122,496	23	718,174	225,945	340,347	534,397	797,704	257,197
Hardin.....	367,620	*25	91,905	58,062	.....	48,233	35,598	36,855
Henderson.....	2,860,350	40	1,144,140	310,868	433,835	525,997	475,479	358,880
Henry.....	6,595,416	35	2,308,396	279,434	367,409	749,023	1,227,761	372,310
Iroquois.....	7,025,280	28	1,967,078	939,698	1,424,899	1,136,850	2,262,902	1,179,628
Jackson.....	694,575	15	104,186	47,400	109,514	.....	105,602	118,249
Jasper.....	1,461,888	31	453,185	10,737	157,556	186,183	59,764	256,276
Jefferson.....	664,620	19	126,278	93,356	20,637	268,034	35,992	185,351
Jersey.....	1,597,080	36	574,949	119,313	215,113	309,690	275,884	454,384
JoDavies.....	1,969,510	23	452,987	121,469	69,011	339,772	247,253	140,179
Johnson.....	449,536	*29	130,365	13,325	85,054	120,342	133,518	194,731
Kane.....	1,905,575	25	476,394	182,056	329,414	274,834	460,171	246,298
Kankakee.....	3,552,278	38	1,349,866	340,733	870,346	891,110	664,277	418,650
Kendall.....	2,369,680	27	639,814	181,759	480,571	458,346	517,359	273,901
Knox.....	5,206,000	35	1,822,100	315,652	467,721	656,831	774,620	263,712
Lake.....	893,095	16	142,895	12,272	142,691	210,717	123,816	44,214
LaSalle.....	9,168,073	42	3,850,591	988,262	1,639,643	1,679,115	1,495,579	1,504,698
Lawrence.....	1,127,190	23	259,254	99,766	276,396	141,475	180,979	123,144
Lee.....	4,966,065	45	2,234,729	808,825	762,058	339,780	1,219,270	672,701

CORN ON HAND—Continued.

COUNTIES.	Bushels produced 1888.	Per cent. 1888 crop in produce, s hands May 1, 1889.	Bushels in Producers' Hands, May 1.					
			1889	1888	1887	1886	1885	1884
Livingston	6,876,360	30	2,622,908	1,006,030	1,560,180	1,965,933	1,344,131	549,583
Logan	6,107,556	22	1,343,662	426,740	1,409,118	1,762,435	1,094,695	1,112,069
Macon	5,376,800	29	1,559,272	722,492	838,266	1,289,132	990,924	1,058,728
Macoupin	4,727,098	27	1,276,316	326,128	356,492	1,053,552	831,976	467,840
Madison	4,387,872	37	1,623,513	296,341	395,744	1,103,853	663,558	449,074
Marion	974,835	33	321,695	44,284	133,397	38,780	112,401	18,086
Marshall	2,968,195	*43	1,276,324	716,520	546,278	648,720	768,000	620,000
Mason	2,110,322	26	548,639	109,354	334,955	...	200,905	228,404
Massac	398,775	15	59,816	38,899	78,449	82,158	110,934	54,402
McDonough	2,261,868	29	655,942	42,010	108,825	...	768,820	442,071
McHenry	2,422,386	25	605,596	9,183	291,368	556,983	661,588	113,152
McLean	10,027,126	30	3,008,138	1,169,825	1,878,707	2,234,522	2,409,944	2,297,361
Menard	3,967,050	35	1,388,467	194,166	448,832	572,096	206,349	354,145
Mercer	3,288,516	35	1,150,981	209,249	317,586	562,564	523,254	333,144
Monroe	749,600	50	374,800	17,513	84,357	191,051	90,490	116,953
Montgomery	4,041,960	17	687,133	113,495	479,376	1,007,432	371,567	540,044
Morgan	4,479,204	27	1,209,385	326,773	734,223	1,190,815	871,481	645,921
Moultrie	2,006,040	38	762,295	109,724	282,933	469,397	254,671	426,711
Ogle	4,816,720	40	1,926,688	833,631	615,180	1,139,924	1,426,836	342,335
Peoria	3,725,317	35	1,303,861	138,486	454,626	748,384	475,058	196,737
Perry	144,018	21	30,244	2,787	3,767	75,970	29,312	31,036
Piatt	4,708,750	37	1,742,237	244,450	973,783	724,185	309,601	1,660,179
Pike	2,843,805	32	910,018	374,187	636,361	151,986	650,070	422,938
Pope	453,408	20	90,682	37,784	167,096	119,322	184,621	135,322
Pulaski	443,889	45	199,750	38,417	99,719	131,610	52,285	20,533
Putnam	976,677	49	478,572	70,577	315,527	354,169	392,978	393,355
Randolph	932,118	32	298,278	...	21,584	72,883	114,781	93,843
Richland	685,423	12	82,251	13,026	39,600	35,911	68,808	56,479
Rock Island	3,236,640	33	1,068,091	239,879	157,194	364,897	437,110	133,961
Saline	1,139,523	20	227,905	27,647	59,132	128,296	77,785	96,596
Sangamon	7,235,560	26	1,881,246	319,176	480,069	1,511,442	1,197,240	1,328,183
Schuyler	2,317,810	47	1,089,371	124,269	339,909	106,235	214,304	282,777
Scott	1,050,359	30	315,108	75,947	127,138	304,613	179,970	123,754
Shelby	3,778,940	24	906,946	107,818	533,750	741,899	279,638	208,421
Stark	2,580,817	46	1,187,176	190,834	566,853	485,200	459,153	287,155
St. Clair	2,423,520	30	727,056	...	89,822	676,315	448,043	384,530
Stephenson	2,621,844	32	838,990	186,633	331,918	626,816	925,543	211,740
Tazewell	4,931,370	37	1,824,607	819,109	963,808	755,418	736,475	587,500
Union	643,650	34	218,841	31,491	227,666	186,512	102,960	85,682
Vermilion	6,221,240	22	1,368,673	519,051	1,023,554	1,408,993	961,677	977,873
Wabash	692,868	23	159,360	45,013	59,520	96,093	94,660	85,303
Warren	4,444,080	37	1,644,310	335,021	407,841	1,316,356	988,590	440,584
Washington	1,121,790	36	403,844	34,578	19,390	267,582	48,637	817,690
Wayne	1,126,840	22	247,905	12,262	80,011	120,987	28,257	266,213
White	1,558,356	12	187,003	38,544	128,007	331,733	104,659	208,549
Whiteside	3,948,372	47	1,855,735	258,042	545,005	797,766	710,368	464,589
Will	4,329,037	8	346,322	325,470	897,026	700,368	1,292,166	1,291,752
Williamson	647,136	38	245,912	9,708	129,067	137,400	61,854	88,098
Winnebago	2,493,505	38	947,532	348,201	257,124	489,363	534,616	124,436
Woodford	3,980,480	38	1,512,582	673,036	686,919	729,344	948,761	639,456
Total or average.	277,726,451	33	92,584,238	23,573,279	44,247,096	57,107,027	50,102,262	39,478,621

*Estimated.

WHEAT ON HAND.

COUNTIES.	Bushels produced 1888.	Per cent. 1888 crop in producers' hands May 1, 1889.	Bushels in Producers' Hands, May 1.					
			1889.	1888.	1887	1886.	1885.	1884.
Adams	1,785,621	18	321,412	475,709	277,991	25,799	300,840	212,496
Alexander	227,721	12	27,326	5,298	11,589	2,528	23,787	30,519
Bond	138,880	8	11,110	27,737	44,831	2,414	48,891	8,536
Boone	39,403	7	2,758	1,466	307	4,570	3,411	4,993
Brown	514,948	15	77,242	227,942	48,270	26,154	96,462	133,816
Bureau	249,918	20	9,984	19,577	17,327	13,627	15,447	5,400
Calhoun	322,440	10	32,244	.....	47,505	7,811	51,657	30,553
Carroll	92,100	.....	.....	5,409	4,096	13,347	32,209	6,503
Cass	536,888	5	26,844	55,324	71,471	18,489	57,877	33,366
Champaign	390,936	15	58,640	33,795	33,442	33,656	.....	28,277
Christian	1,015,123	14	142,117	91,755	43,078	6,002	64,961	30,944
Clark	136,368	12	16,364	49,154	42,025	10,411	38,603	21,074
Clay	20,048	.....	.....	1,657	16,759	9,460	17,237	26,414
Clinton	220,320	6	13,219	94,881	29,645	607	54,834	4,988
Coles	38,837	6	2,330	29,916	44,735	1,380	31,579	12,244
Cook	48,457	.....	.....	.....	.....	1,395	.....	3,644
Crawford	167,560	15	25,134	42,398	70,998	22,355	48,270	25,550
Cumberland	64,160	17	10,907	28,867	41,228	.....	89,077	26,311
DeKalb	86,610	.....	.....	21,697	1,192	5,501	3,402	.....
DeWitt	143,694	7	10,058	68,350	2,662	3,365	25,510	11,130
Douglas	95,659	7	6,696	43,534	16,169	3,163	39,294	8,294
DuPage	41,226	.....	.....	.....	.....	2,040	1,101	.....
Edgar	260,844	17	44,343	119,139	83,982	3,020	83,288	10,289
Edwards	25,394	15	3,809	6,977	13,430	5,978	99,132	58,019
Efingham	90,648	.....	.....	46,740	26,317	9,767	65,812	43,512
Fayette	41,492	15	6,224	59,760	25,730	56,073	45,354	17,943
Ford	8,284	.....	.....	.....	14,497	.....	.....	.....
Franklin	67,041	.....	.....	15,449	27,103	3,569	7,785	10,059
Fulton	1,283,409	15	192,511	299,163	242,190	59,858	165,875	220,386
Gallatin	219,877	11	24,186	15,388	57,020	45,490	86,100	19,421
Greene	1,197,064	15	179,560	231,653	10,420	5,110	155,683	127,706
Grundy	22,204	.....	.....	.....	79	.....	886	416
Hamilton	31,321	*6	1,879	4,698	21,919	6,848	34,671	11,251
Hancock	928,068	16	148,491	120,925	56,448	22,412	94,810	103,976
Hardin	124,016	*9	11,161	19,675	10,929	4,639	3,969	6,745
Henderson	174,258	20	34,852	34,699	41,640	10,402	15,136	14,463
Henry	66,237	7	4,636	28,787	2,746	8,345	.....	.....
Iroquois	28,512	15	4,277	9,090	10,659	12,044	12,573	7,786
Jackson	372,167	12	44,660	59,639	137,126	.....	142,218	66,199
Jasper	118,941	15	17,841	19,142	11,603	1,361	15,251	13,056
Jefferson	25,495	.....	510	4,118	7,569	20,029	51,570	33,674
Jersey	573,560	5	28,678	97,064	6,086	3,420	136,357	45,057
Jo Daviess	120,672	20	24,134	.....	3,522	11,489	24,592	14,307
Johnson	204,240	*11	22,466	10,180	23,602	2,435	47,117	47,311
Kane	20,190	10	2,019	1,479	927	1,566	3,172	921
Kankakee	44,804	15	6,721	4,629	5,943	1,570	8,799	2,774
Kendall	38,410	10	3,841	.....	1,089	501	.....	.....
Knox	177,395	10	17,739	29,666	11,360	5,943	.....	10,887
Lake	89,700	12	10,764	18,541	1,416	10,103	12,055	6,843
LaSalle	277,544	8	22,203	14,684	12,521	18,399	17,280	12,706
Lawrence	419,520	8	33,562	7,725	75,075	16,945	56,599	18,437
Lee	152,081	10	15,208	.....	701	4,921	38,190	36,204

WHEAT ON HAND—Continued.

COUNTIES.	Bushels produced 1888.	Per cent. 1888 crop in producers' hands May 1, 1889.	Bushels in Producers' Hands, May 1.					
			1889.	1888.	1887.	1886.	1885.	1884.
Livingston.	54,752	20	10,950	7,378	3,706	1,105	2,329	1,052
Logan.	1,182,341	14	165,528	147,399	107,097	29,984	64,756	17,153
Macon.	378,681	9	34,081	184,143	27,009	2,519	81,472	17,259
Macoupin.	1,325,520	8	106,042	194,809	96,955	2,173	283,932	154,797
Madison.	1,159,088	10	115,969	110,254	16,828	5,008	282,540	80,362
Marion.	46,120	17	7,840	20,861	34,574	13,830	70,138	.....
Marshall.	45,032	10	4,503	20,267	5,692	.....	.....	3,325
Mason.	1,335,201	17	226,984	105,608	84,423	8,541	27,914	29,310
Massac.	317,655	10	31,765	43,168	42,889	20,191	72,968	10,039
McDonough.	225,145	10	22,514	12,110	9,116	8,396	58,154	23,846
McHenry.	114,849	10	11,485	10,676	.....	.....	20,869	14,651
McLean.	243,016	17	41,313	15,888	16,459	8,738	23,777	23,551
Menard.	551,100	7	38,577	48,134	109,872	32,521	117,536	14,536
Mercer.	56,462	10	5,646	2,165	3,007	5,195	777	6,244
Monroe.	6 0.842	*13	78,109	37,228	91,721	24,482	256,014	122,153
Montgomery.	950,616	7	66,543	104,376	117,276	2,596	142,552	39,228
Morgan.	991,908	11	109,110	90,486	59,020	9,520	68,460	41,836
Moultrie.	92,183	18	16,593	14,671	14,414	4,613	22,814	38,464
Ogle.	134,970	15	20,245	18,268	8,820	13,577	32,296	7,763
Peoria.	289,787	10	28,979	66,669	37,938	6,944	27,710	32,548
Perry.	66,470	13	8,641	3,213	14,403	9,545	48,510	15,708
Piatt.	136,681	.....	.....	9,999	9,297	5,747	22,409	34,716
Pike.	1,181,066	11	129,917	200,729	115,962	10,189	330,001	131,570
Pope.	204,062	12	24,487	21,866	31,101	5,126	43,400	11,882
Pulaski.	205,018	11	22,552	21,806	23,804	8,531	24,002	7,386
Putnam.	41,674	10	4,167	5,808	2,608	3,582	3,456	7,717
Randolph.	966,434	6	57,986	111,991	83,599	70,344	207,797	83,492
Richland.	45,036	5	2,252	18,100	15,900	3,667	27,895	23,347
Rock Island.	41,836	10	4,184	5,250	1,153	10,987	3,010	.....
Saline.	192,456	5	9,623	7,492	15,429	7,579	25,883	22,088
Sangamon.	1,337,769	9	120,399	112,323	59,102	24,499	188,866	32,294
Schuyler.	652,640	10	65,264	123,377	160,882	32,215	125,577	48,679
Scott.	364,552	10	36,455	51,147	27,261	789	39,343	10,919
Shelby.	219,823	8	17,586	73,881	71,088	17,804	158,474	47,923
Stark.	19,084	1	191	8,483	412	2,859	384	.....
St. Clair.	808,336	20	161,667	.....	71,984	11,847	332,091	40,832
Stephenson.	124,066	20	24,813	22,452	10,784	22,427	40,474	25,462
Tazewell.	885,608	17	150,553	97,167	188,504	6,756	101,508	98,478
Union.	344,851	18	62,073	64,960	56,603	37,657	90,638	63,224
Vermilion.	337,978	15	50,697	89,725	24,115	10,281	26,713	18,857
Wabash.	298,060	9	26,825	25,619	22,094	17,436	35,878	17,745
Warren.	68,388	20	13,678	13,387	1,983	2,824	4,423	3,065
Washington.	684,297	12	82,116	63,417	138,459	73,542	168,567	91,616
Wayne.	31,504	7	2,205	15,080	8,795	5,287	40,980	13,964
White.	477,342	5	23,867	15,796	43,034	58,754	35,428	30,643
Whiteside.	109,306	.....	.....	12,318	1,280	8,170	13,059	8,877
Will.	44,256	5	2,213	13,416	6,010	2,369	3,117	.....
Williamson.	182,731	9	16,446	8,985	45,223	5,573	28,664	10,210
Winnebago.	36,584	10	3,658	10,209	5,639	8,461	27,895	3,645
Woodford.	133,439	11	14,678	28,554	12,929	3,605	13,100	6,705
Total or average	33,916,920	12	4,022,569	5,034,875	4,000,931	1,200,904	6,350,202	3,208,368

*Estimated.

ILLINOIS STATE FAIR—PEORIA, SEPTEMBER 23-27, 1889.
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 12-21, 1889.
AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 12-21, 1889.
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 12-21, 1889.

STATISTICAL REPORT

— OF THE —

— ILLINOIS —

State Board of Agriculture,

— FOR —

JUNE 20, 1889.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.,

MADE TO THE

ILLINOIS STATE BOARD OF AGRICULTURE.

W. C. GARRARD, Secretary,

SPRINGFIELD.

CIRCULAR 145.

SPRINGFIELD, ILL.:
ILLINOIS STATE JOURNAL COMPANY.
1889.

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ILLINOIS CROP REPORT,

—FOR—

JUNE 20, 1889.

Synopsis of the Reports of Correspondents upon the Condition of the Growing
Crops, Etc.

ILLINOIS STATE BOARD OF AGRICULTURE, }
SPRINGFIELD, June 20, 1889.

The information contained in this circular was obtained from the reports of correspondents mailed to this office the twentieth of June.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to this department.

A large number of the correspondents have been reporting to this office during the past thirteen years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over five hundred, and are so distributed over the State as to represent each locality.

The State covers such an extended area from north to south (385 miles), and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of crops.

CORN.

The estimated area of the corn crop of 1889 is the same as last year, 7,047,813 acres.

The reports indicate that the area in the Northern Division of the State is one per cent. smaller than in 1888, in the Southern Division it is one per cent. larger, and in the Central Division is the same as last season.

CROP REPORT.

NORTHERN DIVISION.

The early spring was favorable for planting, the ground being in good working condition, and warm, so that the seed was planted at an earlier date than usual. The same conditions tended to the rapid germination of the grain, so the date of first appearance above ground was earlier than usual.

There has been too much rain during the past six weeks for the proper cultivation of corn and the condition is considerably below the average for this date; in no county in the division is the condition up to a seasonable average. In the following counties the condition was 90 per cent. or better, of an average; Cook and DuPage, 90 per cent.; Jo Daviess, 91; Kane, 97; Knox, 93; LaSalle and Marshall 92; Peoria, 90; Rock Island, 95; Stark, 92; Warren, 96; Will, 94 and Woodford, 92 per cent. The average condition of corn in Northern Illinois is but 86 per cent.

CENTRAL DIVISION.

A poorer condition of affairs in regard to corn prevails in Central than in Northern Illinois. Up to the first of June the condition was better than usual. The plant had a good, healthy color, was growing rapidly and was free from weeds, when the recent excessive rains set in and very materially changed the condition suspending the further cultivation and inundating thousands of acres in the bottom lands of the Mississippi, Illinois and Sangamon rivers, where the larger portion of the bottom lands in cultivation lie. There is a good deal of complaint of the corn being "foul" in this section.

The June 20 reports indicate that there will be 90 per cent. or upwards, of an average crop in the counties named below; Cass, 97 per cent.; Clark, 90; Cumberland, 95; Logan, 90; Morgan, 95; Pike and Sangamon, 90 and Tazewell, 97 per cent.

SOUTHERN DIVISION.

Like the Central portion of the State, this section has suffered from the heavy rainfall all along the Mississippi, Wabash, Embarrass and Okaw rivers, yet notwithstanding this, the average condition is better than in either the Northern or Central Divisions of the State. The average condition in this section is 91 per cent. and in the following counties the June 20 condition is favorable for a full average yield per acre, viz: Fayette, Jasper, Monroe, Perry, Union, Washington and Williamson.

The quality of the corn used for seed this spring was excellent, being above an average in a majority of the counties. Our farmers are learning the wisdom of a careful selection of seed corn, and pay more attention to it each year.

BROOM CORN.

The area devoted to broom corn this season is seven per cent. less than a year ago. In but one county, Randolph, is there an increase in the area, (112 per cent.,) while there is a decrease in quite a number. In the two counties in which this crop has been cultivated to any extent during the past few years, Coles and Douglas, there is a decrease in area of twenty-five and fifteen per cent. respectively. The average condition of the crop is 87 per cent.

SORGHUM.

Not quite so large an area was planted to sorghum this season as in 1888, though there is an increased area in Bureau county, 115 per cent.; Clark, 107; Iroquois, 102; Lake, 150; Marion, 110; Ogle, 110; Perry, 103; Wabash, 102; Whiteside, 110 per cent.

The condition of sorghum is up to an average in the following counties, viz: Bureau, Calhoun, Carroll, Franklin, Greene, Henry, LaSalle, McHenry, Perry, Pope, and Schuyler.

A better than an average condition is reported only from Gallatin county, 105.

WINTER WHEAT.

The condition of winter wheat has deteriorated somewhat since May 1, when the average condition was 101 per cent. In the Northern Division no change for the worse has taken place, and in the Southern Division the change is slight, but in Central Illinois there is a falling off of twenty-five per cent. This was caused by the extreme dry weather during the most of April and the early part of May. The quality of the berry is fully up to an average, taking the State as a whole, although in the counties of Adams, Brown, Clark and Edgar, many fields of wheat were damaged to a considerable extent by both the Hessian fly and the drouth during the early spring.

The reports from the counties of Clay, Clinton, Edwards, Effingham, Franklin, Hamilton, Lawrence, Richland, Saline, Wabash, Washington and Wayne, a district heretofore badly infested by the chinch bug, show that these pests cannot survive the wet weather. No one of these counties reports less than an average condition, and a number of them are even better than the general average for this district at harvest.

There has been some anxiety among the wheat growers of Adams, Champaign, Edgar, Franklin, Madison and Randolph counties, on account of a minute, bluish-green, oval insect, known as the grain plant louse, found in alarming numbers on the heads and leaves of wheat and oats, and which in a dry season is capable of doing great damage, not only to the wheat and oats, but also to grasses of every variety. The past six weeks having been a season of greater rainfall than usual, the damage from these insects has been inconsiderable, even in the counties where they have caused so much alarm.

An article on this subject by Prof. Forbes, State Entomologist, gives a detailed description of this pest, and its habits so far as known.

Wheat harvest commenced rather earlier than usual in the Southern Division, where the first wheat cut was in Massac county on the 3d of June. Harvest had begun in only ten counties in Central Illinois previous to the 20th, when the reports were sent to this office, and the wheat was still unfit for cutting in the Northern Division on that date.

SPRING WHEAT.

The condition of spring wheat in Northern Illinois is not so good as on May 1, by two per cent. In the Central Division the condition is about the same as six weeks ago.

A table published elsewhere in this report gives the June 20th, condition of spring wheat in each county in which it is raised.

RYE.

Rye has suffered from the same conditions which affected the winter wheat, and the average condition is not quite so good as on May 1. In the Northern and Southern Divisions of the State the June 20, condition indicates 94 per cent. of an average yield per acre, while in Central Illinois but 92 per cent. of an average yield may be expected.

There will be a full average yield per acre in the following Northern counties: Cook, LaSalle, Mercer, Putnam and Woodford, 100; Knox, and Warren, 101; McHenry, 103; Lake, 105.

In Central Illinois the prospects are favorable for an average yield per acre in Brown, Cass, Coles, Ford, Montgomery, Sangamon, Scott, Shelby and Tazewell counties.

There will be an average, or better yield per acre in more than half the counties in Southern Illinois. The most discouraging report comes from Massac county, where only half an average yield per acre may be anticipated.

OATS.

According to the estimates of crop correspondents, the area is about the same as last year, 3,809,830 acres. Very little change has taken place in the condition of oats the past six weeks.

The growing crop was more or less injured by the drouth during April and the first two weeks in May, a period when the young plant most needs moisture to assist it in stooling and give it growth sufficient to make it convenient of harvest. Oats, as well as wheat and hay, have headed out unusually short this season, from the effects of the drouth.

In all of the Northern counties except those named, an average, or better yield per acre may be expected; Bureau, Henderson, and Henry, 95 per cent.; Knox and Ogle, 99; Peoria, 95 and Warren 97 per cent.

In Cass, Sangamon and Vermilion counties in Central Illinois the June 20, condition is favorable for an average yield per acre, and in McDonough county 125 per cent. may be expected.

The condition of oats is not so good in the Southern as in the Northern and Central Divisions, being but 82 per cent. The most unfavorable report comes from Monroe county, where the oat crop is almost a total failure, on account of the cold, dry spring. Pulaski county reports the condition but 40 per cent. Gallatin, 57 and Pope, 60.

A full average yield per acre is promised as follows: Fayette, 100; Washington, 101; Clay and Jefferson, 102; Clinton, 104 and Bond, 108 per cent.

BARLEY.

The area seeded to barley this season is about 97 per cent. as compared with 1888. The June 20 condition of the crop is up to an average in all the counties where raised, except Lee, 98 per cent; Marshall, 90; Ogle, 95 and Randolph, 90.

MEADOWS.

The condition of meadows has not improved any since May 1, and the present indications are that there will be less than 90 per cent. of an average yield per acre.

The most favorable outlook is in Northern Illinois, where the June 20 condition is 91 per cent. In the following counties in this section a full average yield per acre may be expected: Carroll, 102; Cook and DuPage, 100; Knox, 102; Lake, 100; Lee, 105; Mercer, 102; Rock Island, 103; Warren, 100, and Whiteside, 105.

An average yield per acre may be expected in but two counties in the Central Division, Calhoun, 103 and Schuyler, 100. Less than 75 per cent. of an average yield per acre is promised in the following counties, viz: Adams and Champaign, 70; Clark, 45; Cumberland, 68; Edgar, 60; Jersey, 62 and McDonough, 50.

The condition of meadows in the Southern portion of the State is some better than in the Central, but the outlook is not very encouraging even there. The crop is almost an entire failure in Pulaski county. The prospect is good for an average yield per acre as follows: Alexander, 110; Clinton, 110; Edwards, 100; Hardin, 101; Monroe, 105.

PASTURES.

The June 20 condition of pastures is nearly up to an average the State over, and in the Northern Division is a little better than usual at this date.

The poorest condition in this section exists in the counties named: Iroquois, 80; Kendall, 92; Livingston, 92; Marshall, 60; Ogle, 94; Peoria, 87; Stephenson, 90 and Woodford, 92 per cent.

In the Central portion of the State the condition is up to an average in the following counties, viz: Calhoun, 100 per cent.; Cass, 103; DeWitt, 106; Ford, 100; Fulton, 103; Greene, 108; Hancock, 103; Logan, 109; McDonough, 120; McLean, Montgomery and Pike, 100; Sangamon, 103 and Shelby, 100. In all of the other counties, except Clark, 47, the condition is over 90 per cent. of an average.

In Pope and Pulaski counties the condition of pastures is but 75 per cent. of an average; in Johnson it is 82 and in Crawford 88. In the other counties in the Southern Division the condition ranges from 90 per cent. to 125.

IRISH POTATOES.

The area devoted to Irish potatoes this season is a fraction less than it was in 1888. In the following counties the area is a little larger than last year, viz: DeKalb, 102 per cent.; Kane, 102; Kankakee, 107; Kendall, 102; LaSalle and Lee, 101; McHenry, 103; Ogle, 101; Putnam, 102; Woodford, 105; Cumberland, 111; DeWitt, 105; Douglas, 103; Fulton, 102; Logan, 103; Piatt, 104; Vermilion, 103; Clinton, 102; Crawford, 103; Franklin, 102; Lawrence, 102; Monroe, 105; Randolph, 106; Richland, 104; Wabash, 110 per cent.

The condition of the crop is excellent, and should nothing occur to injure the plants, a full average yield per acre may be expected. In the Northern Division the present condition indicates more than an average yield in all the counties except the following: Bureau, 97; Henderson, 95; Kendall, 99; Lee and Livingston, 100; Marshall, 98; Mercer, 100; Ogle, 97; Rock Island, Stephenson and Will, 100.

In Central Illinois an average, or better, yield per acre may be expected in the counties named below: Brown, Coles, Hancock, Macon, McDonough and Menard, 100; Logan, Montgomery and Shelby, 102; Douglas, McLean and Vermilion, 103; DeWitt, 104; Ford and Scott, 105; Piatt, 106; Cass and Cumberland, 107; Greene and Schuyler, 110; Tazewell, 116.

In the following counties in Southern Illinois the prospect is not encouraging for an average yield per acre, viz: Pulaski, 50 per cent.; Clinton, 91; Macoupin, 92; Hamilton, Jasper, Johnson, Madison, Saline and Union, 95. In the other counties in this section, an average, or better, yield per acre may be expected.

SWEET POTATOES.

In the counties named below the area in sweet potatoes this year is as large, or larger, than in 1888: Adams, Alexander, Bond, Bureau, Carroll, Cook, DeWitt, Edgar, Gallatin, Greene, Hancock, Henry, Jackson, Jersey, Kendall, Knox, LaSalle, Lawrence, Logan, Macoupin, Madison, Mason, McDonough, Menard, Ogle, Peoria, Pike, Pope, Rock Island,

Sangamon, Stark, Stephenson, Vermilion, Washington, White and Woodford, 100 per cent.; Clark, 102; Clay, 110; Fayette, 103; Iroquois, 101; Marion, 105; Perry, 101; Saline, 105; Shelby, 101; Tazewell, 102; Warren, 102.

The condition of the crop is not quite so good as usual at this date. In the following counties only may an average yield per acre be expected: Bond, 100; Clark, 105; Clay, Cook, Edwards, Fayette, Gallatin, Henry and JoDaviess, 100; Knox, 105; Lawrence, Massac, Mercer, Pope and Randolph, 100.

FLAX.

The correspondents in but eleven counties in the State make a report on flax. The average area of these eleven counties is 104 per cent. as compared with the area of those counties in 1888. The only county which reports an increased area is Cook, which estimates the area as double that of last year. In JoDaviess, Kankakee, Will, Cumberland, Piatt, Vermilion and Marion counties the area is the same as in 1888, while in DuPage it was 80, in Iroquois, 73 and in Shelby, 90 per cent. as compared with last year. The condition of flax in the counties reporting is as follows: Cook, DuPage, Will, Cumberland, Piatt, Shelby, Vermilion and Marion, 100; Iroquois, 87; JoDaviess, 90 and Kankakee, 75 per cent.

CLOVER.

A larger area is being sown to clover each year, the area the present season being about six per cent. larger than in 1888. The condition is not so good as usual at this season, being but 95 per cent. of an average. The June 20 condition is over 75 per cent. in all except the following counties: St. Clair, 50 per cent. Pope, 60; Clark, 58; Marshall, 70.

TOBACCO.

In the thirty counties from which reports on tobacco were received, the area has decreased somewhat since last year, and is eleven per cent. smaller than the area of 1888. Greene county alone reports an increased area of 2 per cent. The condition of the crop is not encouraging for over 90 per cent. of an average yield per acre. The present condition indicates an average yield per acre as follows: Alexander, Calhoun, Clay, Cook, Crawford, Edwards, Franklin, Gallatin, Greene, Hamilton, Lawrence, Marion, Perry, Randolph, Shelby, Washington and White.

COTTON.

In Williamson county the area in cotton this season is but 75 per cent. as compared with 1888, and the condition is 80 per cent. No other county in the State raises any cotton, and very little is grown here.

HUNGARIAN AND MILLET.

There is an increased area in these crops in many counties this year, but a number of others have decreased to such an extent that the area for the State is but 96 per cent. as compared with a year ago. The most noticeable difference is in Cumberland county, where the area as compared with 1888 is 130 per cent. In the following counties the area is from 25 to 50 per cent. less than last year: Fayette, LaSalle, Lee, Madison, Marshall, McDonough, Peoria, Pulaski, Rock Island and Scott.

FIELD BEANS.

The area devoted to field beans this year is not so large as last year by 5 per cent. A great many counties report a decrease in the area, while but four, Boone, Perry, Wabash and White, report an increase.

The condition of the crop is but 90 per cent of an average. An average yield per acre may be expected in the following counties, viz: Alexander, Boone, Coles, Crawford, Cumberland, DeWitt, DuPage, Fayette, Franklin, Henry, Iroquois, Kankakee, Knox, LaSalle, Lawrence, Marion, Mason, McHenry, Montgomery, Ogle, Perry, Rock Island, Shelby, Stark, Tazewell, Wabash, White and Whiteside.

FIELD PEAS.

There is an increase in the area of field peas this season of two per cent, as compared with a year ago. In the counties named below the area is not quite so large as in 1888: Clark, 50 per cent.; Macoupin, 70; Marshall, 81; Perry, 90; Williamson, 85. In the other counties in which they are grown, the area is as large, or larger than last season.

FRUIT.

The small fruit crop has been better this season than for a number of years. The mild winter doubtless, should be credited with this, as the season was not severe enough to injure the buds.

CHERRIES.

The yield of cherries was much more abundant this season than it has been for many years. The older trees have pretty generally died out, but those still living were well filled, and the younger trees also were very prolific.

There was over an average yield in the following counties, viz: Bond, 108 per cent; Boone, 102; Clark, 102; Clay, 107; Clinton, 102; Cook, 105; Crawford, 114; Cumberland, 122; DeKalb, 103; DeWitt, 107; DuPage, 105; Fulton, 112; Hancock, 102; Henderson, 110; Henry, 109; Iroquois, 136; Jackson, 110; Jasper, 137; Jefferson, 110; JoDaviess, 106; Kane, 105; Kankakee, 110; Knox, 114; Lake, 110; Lawrence, 102; Lee, 108; Logan, 107; Madison, 117; Marion, 103; McDonough, 200; McHenry, 109; McLean, 103; Mercer, 117; Ogle, 104; Peoria, 112; Pike, 126; Pope, 125; Putnam, 127; Randolph, 102; Rock Island and Saline, 105; Sangamon and Stark, 103; Stephenson, 125; Tazewell, 124; Warren, 120; Washington, 102; Wayne, 111; Whiteside, 102; Will, 125; Woodford, 102.

STRAWBERRIES.

The average yield of strawberries throughout the State was 90 per cent. This is one of the "surest" fruits raised here, and the yield does not vary so much from year to year as some others. From the greatest strawberry growing county of the State, Marion, where the yield is reported as an average, the berries were shipped by the car-load. The quality of the fruit this season was unusually fine. A better than an average yield was reported from the following counties: Carroll, 117; Clay, 105; Clinton, 113; DeKalb, 103; DeWitt, 104; DuPage, 118; Hancock, 101; Henry, 106; Jefferson, 122; Jersey, 105; Knox, 102; LaSalle, 104; Lee, 106; Logan, 103; Madison, 105; McHenry, 109; Peoria, 121; Perry, 111; Stark, 102; Warren, 105; Washington, 107; Wayne, 114.

RASPBERRIES.

In the majority of counties in the State there was an average, or better, yield of raspberries this season. In a few counties there was less than three-fourths of an average yield as follows: Marshall and Vermilion counties, 70 per cent.; Johnson, 72; Peoria, 75.

GOOSEBERRIES.

Gooseberries have not yielded so well as some of the other fruits this season, and a number of counties report less than half a crop. There was an average, or better, yield in the following counties, viz: Alexander, 100; Boone, 105; Brown, Cass, Clay, Cook, Crawford and DeWitt, 100; DuPage, 122; Franklin, Jackson, JoDavies, 100; Johnson, 107; Kane and Lake, 100; Lawrence, 102; Madison, Massac, McHenry, Pope, Pulaski and Rock Island, 100; Saline, 105; Sangamon, Schuyler, Stephenson, Union, Warren, Whiteside, Will and Williamson, 100; Winnebago, 110.

CURRENTS.

The yield of currants this year was much smaller than that of any of the other small fruits, being but 61 per cent. of an average. The bushes in many places are almost all dead, and the yield was consequently small. There was an average, or better, yield of currants in the counties named below: Bond, 100; Boone, 110; Cass and Clay, 105; DeWitt, 105; DuPage, 122; Franklin, Gallatin and Henry, 100; Jefferson, 120; Lawrence, Madison, McDonough, McHenry, Mercer, Sangamon and Stephenson, 100; Warren, 103; White, 100; Will, 120; Winnebago, 105.

VINEYARDS.

The area devoted to vineyards has not changed materially during the past year. There is a slight increase in the area, as follows: Alexander, 110; Cass, 105; Clinton, 102; Crawford, 101; Effingham, 102; Johnson, 107; Knox, 102; Lawrence, 110; Pulaski, 110; Putnam, 104; Richland, 101; Rock Island, 102; Schuyler, 110; Shelby, 102; Tazewell, 102; Warren, 101; Washington, 102; White, 103; Williamson, 102.

The June 20 condition of the crop is such as to warrant the expectation of 96 per cent. of an average yield.

YOUNG LIVE STOCK.

PIGS.

There is very little difference in the number of pigs this season and last. Monroe county reports but one-fourth as many as in 1888, but gives no reason for the large decrease. The number in the State compared with a year ago, is 98 per cent. Their condition is good. No complaints of disease have reached this office and the condition in but few counties falls below 90 per cent. of an average.

LAMBS.

The number of lambs this year is not as large as in 1888 by 7 per cent. There is a larger number than last year in the following counties: Coles, 104 per cent.; Cumberland, 114; Ford, 112; Franklin, 102; Greene, 105; Henry, 106; LaSalle, Lawrence and Macoupin, 102;

Peoria, 107; Perry, 109; Putnam, 105; Scott and Shelby, 102; Tazewell, 101; Washington and Wayne, 102; Whiteside, 105 and Woodford, 103.

The condition of lambs is quite up to an average throughout the State.

CALVES.

There are more calves than last year in the counties named below: Alexander, 102; Boone, 103; Clark, 102; Clinton, 102; DeKalb, 103; DuPage, 102; Franklin, 110; Jersey, 110; Johnson, 108; Macoupin, 102; McHenry, 102; Perry, 101; Randolph, Richland and Rock Island, 102; St. Clair, 110; Washington, 103; Williamson and Woodford, 101.

The condition of calves is not quite so good as that of other young live stock, but is nearly up to an average.

COLTS.

The number of colts foaled in 1889, was as large as in 1888, less one per cent. The smallest number reported was 75 per cent. in Gallatin and Stephenson counties. The condition of colts is about up to an average. About 8 per cent. were lost prior to weaning. The average value of colts at weaning was \$42, and the average cost of service was \$12. A table published elsewhere in this report gives the number, condition, value at weaning, number lost prior to weaning and cost of service for colts for each county in the State, as well as the number and condition of pigs, lambs and calves.

WOOL.

The wool clip of 1889 was but 97 per cent. of that of 1888. It was larger than last year in the following counties: Bond, 102; Clark, 107; Cumberland, 101; Fayette, 107; Ford, 110; Franklin, 102; Greene, 105; Knox, 101; LaSalle, 101; Montgomery, 105; Shelby, 104; Stark, 102; Tazewell, 105; Vermilion, 102; Wayne, 104.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this department consists in their seasonable appearance during the growing season, and after harvest when the information as to condition and yield is most needed to enable the producer and the public to decide as to the market value of the crop. The official acreage of the crops, as reported by the assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. In reporting condition, 100 is used by correspondents to represent a fair, seasonable, average vitality or growth unaffected by storms, insects or contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The observers of the department are, as a rule, experienced farmers who have made the study of the conditions and yield of crops their life work, conservative men who realize the necessity for the work done by this department and assist it by their gratuitous reports.

It is not pretended that these reports will exactly coincide with the official assessors' returns, but they do represent the condition or yield of the various crops, etc., at the dates given, as estimated by men experienced in this work, and their estimates, for a term of years, will be found to closely approximate the assessors' returns.

W. C. GARRARD,

Secretary.

AREA AND CONDITION OF CORN.

COUNTIES.	Area, 1889.	Area, 1887.	Area, 1886.	Area, 1885.	Area, 1884.	Area, 1883.	Area, 1882.	Date of first appearance above ground.	Seed — quality compared to an average.	Condition June 20, 1889.	Acreage 1889 compared with 1888.	Area, 1888.	NORTHERN DIVISION.	
													Area, 1887.	Area, 1886.	Area, 1885.	Area, 1884.	Area, 1883.	Area, 1882.
Boone.....	34,090	35,405	32,076	33,639	30,877	30,524	33,804	94	81	99	May 3	33,804	99	86
Bureau.....	169,168	165,203	151,911	145,066	46,454	138,135	148,575	92	74	106	May 5	148,575	99	86
Carroll.....	68,658	63,970	64,997	62,507	62,507	56,156	64,281	101	86	106	May 6	64,281	101	86
Cook.....	57,277	48,937	46,109	44,728	43,179	46,594	48,231	97	90	103	May 1	48,231	97	90
DeKalb.....	117,684	111,931	104,484	107,823	99,881	90,628	102,412	100	82	103	April 15	102,412	100	82
DuPage.....	34,388	31,199	30,630	33,064	31,039	29,260	30,834	100	90	105	May 1	30,834	100	90
Grundy.....	90,255	87,536	78,792	80,875	83,783	82,734	85,004	99	87	103	May 1	85,004	99	87
Henderson.....	72,369	64,691	64,691	58,705	56,489	54,060	51,207	95	85	105	May 5	51,207	95	85
Henry.....	182,529	172,366	157,404	143,491	135,077	129,923	140,328	101	87	104	May 1	140,328	101	87
Iroquois.....	212,368	206,783	209,528	206,700	213,628	215,024	219,540	100	97	103	April 25	219,540	100	97
JoDavies.....	49,181	57,385	51,404	53,432	43,132	50,612	53,230	102	91	99	May 10	53,230	102	91
Kane.....	58,089	54,713	52,591	57,257	55,457	52,770	54,445	102	97	107	May 4	54,445	102	97
Kankakee.....	109,438	100,637	79,364	93,604	98,012	91,105	93,451	101	89	105	May 1	93,451	101	89
Kendall.....	68,338	92,109	58,065	57,782	58,251	55,447	59,242	97	78	97	May 4	59,242	97	78
Knox.....	134,595	127,172	119,926	120,741	103,938	93,944	104,120	99	93	112	April 20	104,120	99	93
Lake.....	26,744	27,634	23,584	24,082	22,881	24,542	25,517	102	85	105	May 10	25,517	102	85
LaSalle.....	254,340	219,972	192,978	194,342	216,884	205,888	213,211	98	87	103	May 1	213,211	98	87
Lee.....	142,146	140,146	140,146	179,008	139,571	85,590	110,377	100	87	100	May 1	110,377	100	87
Livingston.....	246,631	248,680	233,766	233,762	242,264	236,713	229,212	100	83	109	May 1	229,212	100	83
Marshall.....	57,907	80,000	80,000	67,575	75,872	71,652	72,395	95	92	98	May 6	72,395	95	92
McHenry.....	56,944	56,576	56,546	56,835	51,131	57,397	63,747	103	73	103	May 6	63,747	103	73
Meigs.....	97,497	91,523	80,749	81,531	81,224	63,164	78,298	102	73	112	May 6	78,298	102	73
Ogle.....	122,639	118,455	116,838	130,277	121,577	102,639	120,418	101	87	101	May 1	120,418	101	87
Peoria.....	86,288	86,288	87,007	83,525	80,181	69,243	70,289	100	90	112	April 15	70,289	100	90
Putnam.....	26,538	25,537	27,094	27,319	26,785	25,664	25,043	100	98	106	May 1	25,043	100	98
Rock Island.....	55,817	55,817	53,504	53,504	48,667	48,659	73,560	95	95	102	May 1	73,560	95	95
Stark.....	61,846	61,358	59,345	60,802	65,608	52,427	54,911	101	92	106	April 3	54,911	101	92
Stephenson.....	81,438	82,711	78,569	74,621	72,156	70,163	72,829	100	85	101	May 5	72,829	100	85
Warren.....	114,538	110,146	97,398	102,200	97,105	87,245	92,585	103	96	103	April 15	92,585	103	96
Whiteside.....	113,675	103,354	88,796	100,728	100,927	95,561	101,668	100	82	107	May 1	101,668	100	82
Will.....	120,203	120,357	115,372	116,728	118,969	114,200	117,001	100	94	105	May 1	117,001	100	94
Winnebago.....	76,187	75,416	71,857	69,099	71,426	66,324	71,243	92	74	109	May 10	71,243	92	74
Woodford.....	111,580	106,576	100,398	104,192	105,006	99,009	99,512	105	92	100	April 20	99,512	105	92
Total or average.....	3,320,652	3,315,291	3,004,889	3,062,614	3,011,948	2,806,943	2,956,510	99	86	102		2,956,510	99	86

AREA AND CONDITION OF CORN.—Continued.

COUNTIES.																																				
CENTRAL DIVISION.																																				
Adams	Brown	Calhoun	Cass	Champaign	Christian	Clark	Coles	Cumberland	DeWitt	Douglas	Edgar	For	Fulton	Greene	Hancock	Hanock	Jersey	Loran	Macoupin	Macoupin	Mason	McDonough	McLean	Menard	Montgomery	Morgan	Moultrie	Pike	Sangamon	Schuyler	Scott	Shelby	Tazewell	Vermilion		
87, 371	33, 156	34, 576	49, 837	201, 183	38, 544	120, 965	39, 406	57, 001	32, 332	80, 236	79, 935	77, 918	110, 103	100, 162	52, 964	109, 383	33, 594	153, 426	103, 341	132, 241	80, 637	13, 675	52, 415	226, 868	70, 146	108, 105	115, 459	54, 998	76, 049	57, 496	137, 631	46, 232	34, 415	39, 353	121, 116	217, 329
86, 108	16, 232	16, 239	42, 098	212, 665	120, 965	39, 406	41, 600	54, 222	28, 881	85, 188	63, 337	19, 312	111, 893	100, 162	53, 374	98, 922	34, 423	138, 867	132, 241	80, 637	43, 675	76, 882	243, 107	31, 040	105, 891	128, 159	51, 309	84, 703	66, 084	166, 439	32, 845	19, 157	86, 842	116, 077	132, 397	
86, 663	29, 490	15, 619	41, 292	187, 843	122, 114	41, 600	44, 873	24, 030	28, 339	79, 813	53, 262	90, 643	103, 812	102, 456	52, 078	99, 713	34, 423	137, 214	140, 123	91, 016	43, 675	76, 882	237, 429	31, 150	103, 213	128, 159	45, 457	62, 700	61, 794	145, 120	39, 686	19, 157	86, 398	104, 911	134, 683	
90, 761	26, 659	13, 807	47, 342	231, 355	128, 046	37, 874	63, 500	24, 320	82, 055	83, 849	62, 075	102, 406	104, 242	97, 491	65, 872	93, 734	33, 922	146, 679	114, 994	108, 028	66, 301	30, 229	221, 139	70, 350	109, 697	113, 306	52, 890	71, 131	74, 866	131, 837	39, 070	22, 423	79, 865	105, 913	145, 598	
84, 910	28, 375	11, 126	47, 274	231, 355	128, 046	37, 874	63, 500	24, 320	82, 055	83, 849	62, 075	102, 406	104, 242	97, 491	65, 872	93, 734	33, 922	146, 679	114, 994	108, 028	66, 301	30, 229	221, 139	70, 350	109, 697	113, 306	52, 890	71, 131	74, 866	131, 837	39, 070	22, 423	79, 865	105, 913	145, 598	
80, 964	28, 354	11, 126	46, 920	222, 800	110, 511	39, 995	58, 111	25, 320	75, 307	83, 849	77, 227	94, 631	112, 792	92, 671	57, 776	80, 696	38, 738	135, 473	116, 531	95, 920	62, 133	30, 229	221, 139	70, 350	96, 842	32, 636	50, 151	66, 135	95, 900	136, 520	37, 614	15, 677	85, 885	97, 513	144, 681	
79, 225	28, 354	11, 126	46, 920	222, 800	110, 511	39, 995	58, 111	25, 320	75, 307	83, 849	77, 227	94, 631	112, 792	92, 671	57, 776	80, 696	38, 738	135, 473	116, 531	95, 920	62, 133	30, 229	221, 139	70, 350	96, 842	32, 636	50, 151	66, 135	95, 900	136, 520	37, 614	15, 677	85, 885	97, 513	144, 681	
103	92	78	100	99	74	102	99	102	102	97	83	103	103	102	86	107	86	77	62	107	100	75	100	87	97	94	101	105	84	107	90	86	87	102	76	
100	100	103	102	102	103	102	102	102	102	100	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
April 5	April 10	April 10	April 20	April 30	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	April 20	

AREA AND CONDITION OF CORN—Continued.

COUNTIES.		SOUTHERN DIVISION.												
Area, 1882	Area, 1883	Area, 1884	Area, 1885	Area, 1886	Area, 1887	Area, 1888	Average 1889 compared with 1888	Condition June 29, 1889	Seed - quality compared to an average.	Date of first appearance above ground.				
Alexander.	7,131	3,416	8,845	8,862	8,862	10,447	103	90	100	April 10				
Bond.	38,520	45,241	52,874	53,374	36,693	39,275	100	77	100	April 10				
Clay.	30,592	32,755	30,014	29,299	29,896	33,818	112	93	100	April 15				
Clinton.	54,206	51,206	63,995	52,601	46,153	54,000	102	80	102	May 1				
Crawford.	32,417	36,360	33,151	29,102	31,844	31,663	97	84	100	May 1				
Edwards.	17,241	18,152	15,631	15,527	13,921	17,437	97	70	100	May 15				
Effingham.	41,331	42,385	46,051	48,798	41,445	44,287	101	93	100	April 25				
Franklin.	38,300	41,959	47,709	55,409	62,126	52,350	98	92	100	April 15				
Fayette.	3,487	10,665	10,665	29,282	31,058	20,040	107	107	100	April 15				
Gallatin.	48,831	40,000	47,801	51,785	22,585	20,040	107	107	100	April 26				
Hamilton.	32,187	23,392	37,438	40,344	35,251	32,035	92	87	100	April 25				
Hardin.	5,460	3,708	10,153	9,247	9,677	12,254	*98	*92	*96	April 20				
Jackson.	22,632	20,564	19,536	25,768	23,700	19,845	100	90	100	April 15				
Jefferson.	31,799	30,507	35,353	33,247	34,226	40,608	101	87	100	May 1				
Jasper.	33,556	35,505	42,848	39,606	34,296	44,308	110	102	102	April 25				
Johnson.	15,446	20,984	12,717	19,636	18,490	13,142	102	93	97	May 1				
Lawrence.	36,046	28,309	27,421	31,639	32,865	37,573	105	95	102	April 20				
Madison.	98,102	95,585	74,922	149,080	105,914	82,317	97	92	112	May 1				
Marion.	37,355	37,172	39,301	43,089	39,006	49,204	107	98	103	May 8				
Massac.	11,397	11,453	10,876	13,230	11,207	15,951	95	88	87	April 20				
Monroe.	16,758	16,380	16,159	22,352	18,746	18,740	97	85	105	April 20				
Perry.	8,371	12,316	12,216	16,253	15,698	13,937	90	100	104	April 26				
Pope.	19,291	18,047	18,047	19,887	20,687	18,892	100	100	100					
Pulaski.	12,802	10,370	10,057	12,130	12,196	14,319	110	75	100					
Randolph.	22,800	25,781	24,658	28,031	26,249	28,246	101	96	105	April 10				
Richland.	21,129	25,102	24,658	28,656	26,400	29,801	102	91	100	April 20				
Saline.	23,972	17,562	15,537	22,910	30,719	34,531	95	90	100	May 1				
St. Clair.	43,364	50,596	44,273	64,411	58,326	62,459	100	85	100					
Union.	20,516	15,867	12,113	13,463	21,891	19,682	100	100	100	May 1				
Wabash.	20,897	17,552	19,162	18,234	18,913	20,996	103	80	100	April 10				
Washington.	27,669	31,941	32,425	38,780	33,900	37,393	103	101	101	April 10				
Wayne.	39,945	39,615	40,329	43,982	40,674	43,340	101	97	100	April 10				
White.	38,546	42,591	33,058	48,499	38,933	45,834	104	83	104	April 15				
Williamson.	26,225	22,247	15,860	21,981	23,639	20,223	101	105	100	April 15				
Total or average	982,558	950,890	933,837	1,164,253	1,100,640	1,048,975	101	91	100					
											* Estimated.			

*Estimated.

CONDITION WINTER AND SPRING WHEAT.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.							
COUNTIES.	WINTER WHEAT.		SPRING WHEAT.		COUNTIES.	WINTER WHEAT.		SPRING WHEAT.		COUNTIES.	WINTER WHEAT.		SPRING WHEAT.		
	Condition May 1, 1889	June 20, '89	Date harvest commenced	Ave'ge 1889 compared with 1888.		Condition May 1, 1889	June 20, '89	Date harvest commenced	Ave'ge 1889 compared with 1888.		Condition May 1, 1889	June 20, '89	Date harvest commenced	Ave'ge 1889 compared with 1888.	
Boone.....	95	102	.....	117	101	106	June 20.	Adams.....	97	52	.....	Alexander.....	100	105	June 3.
Bureau.....	93	86	.....	90	101	97	.....	Brown.....	93	55	.....	Bond.....	107	98	June 10.
Carroll.....	92	102	.....	96	101	97	.....	Cass.....	103	102	.....	Clay.....	107	107	June 18.
Cook.....	100	110	.....	100	100	100	.....	Champaign.....	106	90	.....	Clinton.....	121	112	June 12.
DeKalb.....	94	95	.....	110	98	102	.....	Christian.....	99	75	105	Crawford.....	101	93	June 14.
DuPage.....	*98	90	.....	107	102	102	.....	Clark.....	97	48	.....	Edwards.....	120	100	June 18.
Grundy.....	100	*96	.....	95	110	*97	.....	Coles.....	97	100	.....	Effingham.....	102	108	June 20.
Henderson.....	82	100	.....	.....	.....	.....	.....	Cumberland and DeWitt.....	102	98	.....	Fayette.....	95	82	.....
Henry.....	100	9	.....	97	103	92	.....	DeWitt.....	100	95	.....	Franklin.....	95	98	.....
Iroquois.....	100	86	.....	111	110	94	.....	Douglas.....	107	95	.....	Gallatin.....	111	102	June 13.
JoDavies.....	85	91	.....	100	110	102	.....	Edgar.....	79	52	.....	Hamilton.....	103	95	June 15.
Kane.....	100	100	.....	105	100	100	.....	Ford.....	110	100	.....	Hardin.....	*103	*87	.....
Kaukakee.....	100	100	.....	107	100	102	.....	Fulton.....	97	85	.....	Jackson.....	100	105	June 6.
Kendall.....	97	95	.....	102	99	103	.....	Greene.....	102	95	.....	Jasper.....	110	112	June 20.
Knox.....	97	99	.....	118	100	96	.....	Hancock.....	107	88	.....	Jefferson.....	104	105	June 17.
Lake.....	97	97	.....	107	105	107	.....	Jersey.....	137	107	.....	Johnson.....	*101	90	June 13.
LaSalle.....	96	96	.....	88	93	94	.....	Logan.....	108	96	.....	Lawrence.....	105	102	June 15.
Lee.....	85	87	.....	107	105	102	.....	Macon.....	102	86	.....	Madison.....	104	107	June 18.
Livingston.....	80	95	.....	95	90	90	.....	Macopin.....	101	76	.....	Marion.....	102	102	June 15.
Marshall.....	95	91	.....	100	97	93	.....	Mason.....	107	91	.....	Massac.....	115	110	June 3.
McHenry.....	100	107	.....	116	100	105	.....	McDonough.....	90	65	.....	Monroe.....	102	87	June 15.
Mercer.....	90	100	.....	90	95	100	.....	McLean.....	100	97	.....	Perry.....	115	97	June 14.
Ogle.....	95	87	.....	95	100	97	.....	Menard.....	102	85	.....	Pope.....	103	60	.....
Peoria.....	106	97	.....	.....	.....	.....	.....	Menard.....	102	85	.....	Pulaski.....	102	75	June 5.
Putnam.....	102	95	.....	110	102	101	.....	Montgomery.....	106	93	.....	Randolph.....	114	116	June 5.
Rock Island.....	100	*97	.....	97	100	95	.....	Morgan.....	107	79	.....	Richland.....	105	107	June 15.
Stark.....	100	99	.....	105	100	102	.....	Moutrie.....	88	97	.....	Saline.....	95	100	June 12.
Stephenson.....	66	77	.....	105	100	102	.....	Piatt.....	100	95	.....	St. Clair.....	105	100	June 17.
Warren.....	103	98	.....	100	101	96	.....	Pike.....	105	82	.....	Union.....	102	90	June 6.
Whiteside.....	100	100	.....	105	100	103	.....	Sangamon.....	106	83	.....	Wabash.....	107	102	June 18.
Will.....	*99	*99	.....	90	95	*104	.....	Schuyler.....	112	100	.....	Washington.....	116	140	June 14.
Winnebago.....	87	100	.....	110	100	105	.....	Scott.....	113	91	.....	Wayne.....	91	96	June 14.
Woodford.....	101	90	.....	77	100	97	.....	Shelby.....	108	106	.....	White.....	108	100	June 13.
Average.....	95	95	.....	101	101	99	.....	Tazewell.....	114	109	.....	Williamson.....	102	102	June 10.
			.....				.....	Vermilion.....	120	92	.....	Average.....	105	100	.....
			.....				.....	Average.....	103	87	.....				.....

CROP REPORT.

CONDITION OATS AND RYE,

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.							
OATS.			WINTER RYE.		COUNTIES.	OATS.			WINTER RYE.		COUNTIES.	OATS.			WINTER RYE.		
Average 1889 com- pared with 1888.	Condition May 1, 1889.	Condition June 20, 1889.	May 1, 1889.	Condition June 20, 1889.		Average 1889 com- pared with 1888.	Condition May 1, 1889.	Condition June 20, 1889.	May 1, 1889.	Condition June 20, 1889.		Average 1889 com- pared with 1888.	Condition May 1, 1889.	Condition June 20, 1889.	May 1, 1889.	Condition June 20, 1889.	
Boone	104	103	109	92	96	Adams	95	98	78	100	95	100	95	Alexander ..	112	90	100
Bureau	100	101	95	98	96	Brown	98	83	85	97	100	100	100	Bond	113	85	100
Carroll	100	107	115	92	96	Calhoun	105	92	*103	*103	97	97	100	Clay ...	106	91	100
Cook	100	100	105	102	100	Cass	96	100	100	105	100	100	100	Clinton ..	101	79	100
Dekalb	101	104	108	100	97	Champaign..	94	85	98	100	100	100	100	Crawford..	104	75	100
DuPage	98	100	100	95	88	Christian... *	96	91	91	100	90	90	100	Edwards...	103	85	95
Grundy	115	105	*103	106	*93	Clark	114	76	63	86	100	100	100	Edwards...	103	85	95
Henderson ..	87	95	95	92	95	Coles	105	95	96	100	100	100	100	Fayette...	109	85	92
Henry	90	103	95	103	97	Cumberland ..	121	84	93	100	99	94	100	Franklin...	115	65	100
Iroquois	104	106	100	102	89	De Witt.....	95	94	92	100	100	100	100	Gallatin...	104	85	100
Jo Daviess ..	103	105	106	102	96	Douglas	102	97	95	100	100	100	100	Gallatin...	104	85	100
Kane	101	99	107	99	97	Edgar	94	80	87	75	50	Hardin.....	*111	*84	*96		
Kankakee....	107	105	110	105	97	Ford	103	102	93	98	100	100	100	Jackson...	112	65	75
Kendall	102	100	102	99	89	Fulton	90	99	90	85	90	100	100	Jasper....	93	95	89
Knox	97	102	99	96	101	Greene	90	91	88	105	85	94	100	Jefferson...	100	79	102
Lake	82	100	110	102	105	Hancock	99	103	94	103	94	100	100	Johnson...	*104	*88	70
LaSalle	85	97	100	89	96	Jersey	75	75	57	100	*87	Lawrence...	94	Lawrence...	105	90	92
Lee	106	104	104	102	85	Macon	95	96	97	110	100	94	100	Madison...	94	98	94
Livingston ..	98	100	100	82	100	Macoupin... *	102	91	96	100	100	100	100	Marion...	107	83	102
Marshall	97	103	100	95	97	Macoupin... *	97	92	76	107	95	100	100	Massac....	108	75	107
McHenry	100	103	105	100	103	Mason	95	102	98	100	100	100	100	Monroe...	95	80	50
Mercer	92	108	107	107	100	McDonough ..	106	105	125	95	95	95	95	Perry....	107	84	112
Ogle	97	105	99	100	94	McLean	98	96	90	97	97	97	97	Pope	118	75	60
Peoria	95	107	95	85	95	Menard	9	9	92	120	97	97	97	Pulaski...	112	95	60
Putnam	102	102	102	107	100	Montgomery ..	101	97	99	103	100	100	100	Randolph...	102	96	100
Rock Island ..	97	100	102	90	83	Morgan	97	97	88	101	92	100	100	Richland...	106	86	103
Stark	96	102	102	100	97	Moultrie	103	93	90	85	97	97	97	Saine	110	90	80
Stephenson...	97	101	100	86	85	Piatt	103	93	99	90	90	90	90	St. Clair...	100	60	75
Warren	102	103	97	102	101	Pike	100	100	94	103	103	103	103	Union	98	89	87
Winnebago...	93	100	103	83	67	Sangamon... *	95	93	100	105	100	100	100	Wabash...	107	74	88
White	98	110	105	100	97	Schuyler.....	105	107	90	110	105	100	100	Washington	98	86	101
Winnebago...	100	161	111	97	92	Scott	103	88	97	105	100	100	100	Wayne	109	88	93
Woodford ..	100	106	101	98	100	Shelby	100	82	99	102	102	100	100	White	112	95	85
Woodford ..	100	106	101	98	100	Tazewell.... *	102	161	98	100	100	100	100	Williamson	105	84	80
Woodford ..	100	106	101	98	100	Vermilion...	100	90	100	105	105	105	105	Williamson	105	84	80
Average ..	99	102	103	97	94	Average ..	99	92	92	100	100	100	100	Average...	105	84	82
																99	94

*Estimated.

CONDITION MEADOWS AND PASTURES.

CROP REPORT.

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NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.				
COUNTIES.	MEADOWS.		PASTURES.		COUNTIES.	MEADOWS.		PASTURES.		COUNTIES.	MEADOWS.		PASTURES.	
	Ac'r'e 1889	Condition with 1888	May 1, 1889	Condition June 20, 1889.		Ac'r'e 1889	Condition with 1888	May 1, 1889.	Condition June 20, 1889.		Ac'r'e 1889	Condition with 1888	May 1, 1889.	Condition June 20, 1889.
Boone.....	93	100	103	104	Adams.....	83	93	93	93	Alexander..	98	101	101	110
Bureau.....	97	103	101	107	Brown.....	100	93	93	92	Bond.....	103	92	92	78
Carroll.....	106	107	102	112	Calhoun.....	100	92	93	103	Clay.....	85	85	92	97
Cook.....	100	90	100	92	Cars.....	100	101	87	103	Clinton....	121	105	110	110
DeKalb.....	100	104	100	104	Champaign	88	94	70	89	Crawford...	84	68	70	95
DuPage.....	100	71	100	104	Christian...	100	98	82	92	Edwards...	102	107	100	102
Grundy.....	87	100	*88	*98	Clark.....	101	95	45	87	Effingham...	94	92	73	94
Henderson...	87	85	97	100	Coles.....	96	92	85	99	Fayette....	110	87	100	87
Henry.....	103	107	95	107	Cumberland	117	84	68	100	Franklin...	110	100	77	100
Iroquois....	96	95	98	97	DeWitt.....	100	100	96	100	Gallatin....	102	99	95	99
JoDaviess...	100	103	84	100	Douglas....	97	102	93	95	Hamilton....	102	97	90	95
Kane.....	103	98	95	101	Edgar.....	94	80	60	100	Hardin.....	103	*95	101	105
Kankakee...	100	104	101	104	Ford.....	100	90	97	103	Jackson....	95	80	77	89
Kendall.....	100	97	112	102	Fulton.....	103	103	93	100	Jasper.....	104	95	78	99
Knox.....	101	104	100	106	Greene.....	102	95	98	105	Jefferson...	111	101	85	98
Lake.....	105	105	100	105	Hancock....	95	102	90	101	Johnson....	*102	*92	75	*104
LaSalle.....	90	93	92	97	Jersey.....	100	87	62	100	Lawrence...	94	92	90	109
Lee.....	105	99	100	103	Logan.....	103	93	90	100	Madison....	101	97	89	105
Livingston...	98	100	98	97	Macon.....	87	91	72	98	Marion.....	93	86	80	100
Marshall....	100	103	40	99	Macoupin...	102	100	78	100	Massac.....	105	75	85	115
McHenry....	98	102	98	100	Mason.....	98	97	81	100	Monroe....	115	87	115	105
Mercer.....	103	108	102	97	McDonough.	100	100	50	102	Perry.....	112	96	82	102
Ogle.....	100	103	95	102	McLean.....	90	98	82	95	Pope.....	100	97	60	100
Peoria.....	108	102	85	107	Menard.....	99	97	82	100	Pulaski....	107	98	25	107
Putnam.....	105	103	89	99	Monroe.....	103	104	76	104	Randolph...	117	100	82	102
Rock Island	101	161	103	98	Morgan.....	96	103	77	94	Richland...	92	94	84	87
Stark.....	103	108	96	102	Moultrie...	92	78	85	92	Saline.....	100	90	90	90
Stephenson.	96	98	90	98	Pike.....	93	92	81	100	St. Clair....	100	85	95	100
Warren.....	100	104	100	104	Platt.....	105	103	95	107	Union.....	101	95	92	100
Whiteside...	98	103	103	103	Sangamon...	101	100	93	100	Wabash....	107	92	90	106
Will.....	103	105	90	107	Schuyler....	100	105	100	102	Washington	103	102	84	107
Winnebago.	96	98	100	102	Scott.....	100	100	85	87	Wayne.....	97	86	87	104
Woodford..	98	100	79	98	Shelby.....	94	93	84	101	White.....	100	93	81	93
					Tazewell...	105	104	97	100	Williamson.	101	95	74	103
					Vermilion..	103	115	77	100					
Average	99	100	91	101	Average	96	97	82	99	Average	102	93	84	99

*Estimated.

FARM CROPS—Acreage and Condition.

COUNTIES.	MEADOWS.		CLOVER.		COTTON.		PASTURES.		IRISH POTATOES.		SWEET POTATOES.	
	com- pared with 1888.	June	com- pared with 1888.	June	com- pared with 1888.	June	com- pared with 1888.	June	com- pared with 1888.	June	com- pared with 1888.	June
	Acreage 20, 1889.	Condition 20, 1889.	Acreage 20, 1889.	Condition 20, 1889.	Acreage 20, 1889.	Condition 20, 1889.	Acreage 20, 1889.	Condition 20, 1889.	Acreage 20, 1889.	Condition 20, 1889.	Acreage 20, 1889.	Condition 20, 1889.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams.....	93	70	100	100			107	93	100	83	100	93
Alexander.....	105	110	105	100			105	110	80	100	100	80
Bond.....	88	78	107	100			98	105	100	105	100	100
Boone.....	92	90	111	104			100	104	97	104		
Brown.....	82	85	107	97			100	87	95	100		
Bureau.....	91	85	125	109			100	107	97	95	100	90
Calhoun.....	100	103	97	100			110	100	98	97	75	90
Carroll.....	104	102	102	112			100	112	97	119	100	80
Cass.....	100	87	103	100			100	103	93	107	92	91
Champaign.....	98	70	100	98			100	94	97	93	87	87
Christian.....	99	82	122	101			100	92	97	99	85	81
Clark.....	98	45	100	58			105	47	100	95	102	105
Clay.....	96	97	107	100			93	103	100	104	110	100
Clinton.....	113	110	101	102			100	106	102	91	92	70
Coles.....	96	85	110	95			39	91	100	100	99	86
Cook.....	87	100	100	105			100	112	95	110	100	100
Crawford.....	88	70	101	88			102	88	103	102	91	95
Cumberland.....	105	68	110	89			100	91	111	107	82	92
DeKalb.....	100	85	100	97			100	103	102	108		
DeWitt.....	102	96	105	102			100	106	105	104	100	92
Douglas.....	92	93	117	110			93	90	103	103	82	82
DuPage.....	98	100	103	103			100	102	100	120		
Edgar.....	93	60	100	85			97	93	100	87	100	87
Edwards.....	97	100	97	100			100	112	97	100	95	100
Effingham.....	106	73	127	96			101	100	93	101	98	99
Fayette.....	98	87	92	97			103	93	95	103	103	100
Ford.....	103	87	97	93			100	100	100	105		
Franklin.....	103	77	102	85			102	92	102	107	97	95
Fulton.....	90	93	115	100			102	103	102	95	90	95
Gallatin.....	102	95	107	97			100	95	100	100	100	100
Greene.....	102	98	106	100			97	108	100	110	100	75
Grundy.....												
Hamilton.....	97	90	95	95			100	90	95	95	95	92
Hamock.....	99	90	102	109			105	103	96	100	100	99
Hardin.....	103	101	108	103			105	107	101	100	101	102
Henderson.....	92	97	100	100			100	105	90	95		
Henry.....	99	95	144	110			99	107	96	105	100	100
Iroquois.....	98	73	96	83			100	86	100	102	101	90
Jackson.....	100	77	100	95			100	95	100	105	100	82
Jasper.....	83	78	104	95			98	92	98	95	87	87
Jefferson.....	100	85	107	100			95	110	80	110	75	80
Jersey.....	97	62	175	95			105	95	100	90	100	62
JoDavies.....	99	84	94	101			101	100	99	105		
Johnson.....	93	75	87	72			100	87	83	95	97	100
Kane.....	103	95	100	98			103	107	102	112		
Kankakee.....	96	94	99	98			101	102	107	104		
Kendall.....	97	86	112	97			97	92	102	99	100	95
Knox.....	102	102	108	107			103	119	93	105	100	105
Lake.....	100	100	95	105			100	107	100	115		
Lasalle.....	92	92	96	101			96	102	101	105	100	82
Lawrence.....	87	90	102	97			107	102	102	100	100	100
Lee.....	98	105	109	106			96	109	101	100	95	95

FARM CROPS—Acreage and Condition—Continued.

COUNTIES.	MEADOWS.		CLOVER.		COTTON.		PASTURES.		IRISH POTATOES.		SWEET POTATOES.	
	Acreage pared with 1888.	June Condition 20, 1889.	Acreage pared with 1888.	June Condition 20, 1889.	Acreage pared with 1888.	June Condition 20, 1889.	Acreage pared with 1888.	June Condition 20, 1889.	Acreage pared with 1888.	June Condition 20, 1889.	Acreage pared with 1888.	June Condition 20, 1889.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Livingston	90	77	100	90			95	92	97	100	80	75
Logan	94	90	109	107			100	109	103	102	100	92
Macon	94	72	101	89			99	86	96	100	97	88
Macoupin	100	78	101	92			100	92	96	92	100	90
Madison	104	89	115	101			102	100	94	95	100	70
Marion	90	80	103	102			100	92	95	102	105	95
Marshall	91	40	97	70			90	60	85	98	70	85
Mason	92	81	99	95			98	98	100	97	100	89
Massac	82	85	78	78			92	97	88	92	50	100
McDonough	100	50	120	100			125	120	100	100	100	75
McHenry	95	99	103	106			98	104	103	109		
McLean	92	82	97	93			100	100	97	103		
Memard	98	82	95	102			97	99	99	100	100	97
Mercer	100	102	100	105			107	115	73	100	95	100
Monroe	115	105	125	105			95	125	105	130		
Montgomery	99	76	105	99			99	100	88	102	90	94
Morgan	97	77	98	100			95	96	97	101	97	97
Moultrie	93	85	102	93			97	95	100	87	97	87
Ogle	100	95	110	102			102	94	101	97	100	95
Peoria	65	85	167	100			103	87	100	110	100	70
Perry	92	82	107	101			104	106	99	104	101	97
Piatt	79	81	102	100			89	86	104	106	93	83
Pike	105	95	106	104			104	100	100	98	100	97
Pope	100	60	100	60			100	75			100	100
Pulaski	100	25	150	100			100	75	100	59	50	50
Putnam	96	89	106	102			99	101	102	107	85	77
Randolph	117	82	116	100			109	104	106	102	96	100
Richland	108	84	110	101			100	101	104	103	98	86
Rock Island	100	103	87	100			103	103	98	100	100	75
Saline	100	90	105	95			100	95	100	95	105	95
Sangamon	103	93	117	103			100	103	100	98	100	90
Schuyler	100	100	100	80					80	110		
Scott	95	95	97	102			97	95	100	105	97	70
Shelby	94	84	109	101			96	100	94	102	101	90
Stark	98	96	104	105			100	106	98	104	100	96
St. Clair	100	95	100	50			100	100	80	100		
Stephenson	95	90	90	90			100	90	95	100	160	90
Tazewell	94	97	106	109			99	98	100	116	102	97
Union	97	92	101	90			100	100	85	95	95	92
Vermilion	98	77	105	93			93	82	103	103	100	92
Wabash	92	90	108	85			103	110	110	100	93	85
Warren	99	100	101	105			100	105	100	107	102	98
Washington	102	84	102	102			102	105	97	104	100	99
Wayne	101	87	106	97			102	94	99	103	98	95
White	110	81	107	90			100	114	94	102	100	91
Whiteside	100	105	100	105			100	103	98	105	90	90
Will	105	90	110	100			100	100	100	100		
Williamson	96	74	90	77	75	80	101	92	94	100	87	90
Winnebago	90	76	97	92			94	105	92	111		
Woodford	95	79	100	91			97	92	105	110	100	85

FARM AND FRUIT CROPS.

COUNTIES.	HUNGARIAN & MILLET.	FIELD BEANS.	FIELD PEAS.	WOOL.	CHERRIES.	STRAWBERRIES.	RASPBERRIES.	GOOSEBERRIES.	CURRENTANTS.	VINEYARD.		
	Acreage com- pared with 1888.	Acreage com- pared with 1888.	Condition June 20, 1889.	Acreage com- pared with 1888.	Clip of 1889 com- pared with 1888.	Yield.	Yield.	Yield.	Yield.	Yield.	Acreage com- pared with 1888.	Condition June 20, 1889.
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
Adams.....					100	95	72	95		40	100	65
Alexander.....	90	100	100	100	100	100	100	100	100		110	100
Bond.....	90	100	95		102	108	90	102	92	100	100	103
Boone.....	110	110	100		90	102	97	110	105	110		
Brown.....					95	100	85	100	100		100	102
Bureau.....					100	87	75	100	60	45	100	95
Calhoun.....		50	75		100	100	85	95	87	85	95	87
Carroll.....	90	100	70		92	93	117	105	75	82	93	100
Cass.....	100				100	92	83	100	100	100	105	103
Champaign.....	100				100	67	68	97	70	53	100	90
Christian.....	100				96	77	68	76	66	62	100	82
Clark.....	117	83	63	50	107	102	72	100	47	25	100	87
Clay.....	102	100	85	125	96	107	105	100	100	100	100	100
Clinton.....	95	85	75		99	102	113	100	90	87	102	102
Coles.....	92	100	100		96	79	63	100	95	87	100	60
Cook.....	100	100	100	100	100	105	85	92	100	87	100	100
Crawford.....	123	95	88	100	70	114	91	105	100	92	101	97
Cumberland.....	130	100	100		101	122	81	102	66	67	95	100
DeKalb.....	125				88	103	103	100	83	77	100	95
DeWitt.....	82	90	100	100	92	107	104	107	100	105	100	95
Douglas.....	102	85	70		97	52	62	105	42	52	100	80
DuPage.....	102	100	100		95	105	118	118	122	122	90	97
Edgar.....	112				100	63	50	95	60	68	100	72
Edwards.....		90	95		70	87	100	100	60	52	100	122
Effingham.....	99	99	92	100	96	84	87	95	66	74	102	100
Fayette.....	75	100	100	100	107	80	68	103	55	75	100	87
Ford.....	100				110	87	83	100	25	25	100	100
Franklin.....	105	75	100	102	102	100	90	100	100	100	100	100
Fulton.....					98	112	82	92	72	83	100	86
Gallatin.....		100	60			95	87	90	90	100	100	100
Greene.....					105	97	97	96	93	92	100	98
Grundy.....												
Hamilton.....	95	90	95		100	100		100	95	90	100	100
Hancock.....	100				98	102	101	100	80	87	100	95
Hardin.....	100	100	102		95	100	90	100	60	25	107	108
Henderson.....					100	110	85	100	85	75	90	80
Henry.....	97	100	100	100	97	109	106	90	89	100	100	92
Iroquois.....	92	100	100	100	97	136	77	89	69	69	100	92
Jackson.....					60	110	95	95	100	95	100	110
Jasper.....	100	88	83		94	137	86	112	86	97	99	95
Jefferson.....				150	95	110	122	110	90	120	100	105
Jersey.....					95	100	105	100	87	75	100	100
JoDavies.....					98	106	99	101	100	94	100	94
Johnson.....	90	100	80	117	90	82	75	72	107	90	107	97
Kane.....	100	100	90		100	105	100	100	100	57	100	90
Kankakee.....	100	100	100		100	110	90	102	90	90	100	110
Kendall.....	110				97	97	90	103	80	71	100	87
Knox.....	80	100	100	100	161	114	102	100	85	87	102	99
Lake.....	100	100	87		92	110	100	100	100		100	100
LaSalle.....	75	100	100	100	101	89	104	101	95	94	100	105
Lawrence.....	100	100	100		95	102	100	100	102	100	110	102

FARM AND FRUIT CROPS—Continued.

COUNTIES.	HUN- GARIAN & MILLET.	FIELD BEANS.			FIELD PEAS.	WOOL.	CHEE- RIES.	STRAW- BERRIES.	RASP- BERRIES.	GOOSE- BERRIES.	CUR- RANTS.	VINEYARD.	
	Acreage pared with 1888.	com pared with 1889	June	com- pared with 1888.	Clip of 1889 com- pared with 1888.	Yield	Yield.	Yield.	Yield.	Yield.	Yield.	Acreage pared with 1888.	June
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
Lee.....	50	100	95	100	97	108	106	104	99	94	100	107	
Livingston.....	80	95	97	97	82	107	103	102	76	89	100	95	
Logan.....	100	75	75	70	99	87	85	97	85	92	97	70	
Macon.....	100	75	75	70	96	84	78	107	85	97	90	100	
Macoupin.....	75	85	100	100	100	117	105	110	100	100	93	87	
Madison.....	100	85	100	100	97	103	100	93	78	73	100	80	
Marion.....	70	87	90	81	98	78	92	70	91	72	97	100	
Marshall.....	100	100	100	100	100	98	73	100	71	90	99	98	
Mason.....	90	100	100	112	100	95	90	100	100	100	100	125	
Massac.....	100	100	100	100	100	200	50	120	100	100	100	91	
McDonough.....	95	100	100	100	99	109	109	101	100	100	100	100	
McHenry.....	100	100	100	100	85	103	95	100	25	50	100	100	
McLean.....	100	100	100	100	95	100	79	99	72	72	100	92	
Menard.....	100	100	100	100	95	117	75	95	83	100	100	100	
Mercer.....	100	100	100	100	100	100	100	100	100	100	100	105	
Monroe.....	110	75	100	100	105	79	81	80	37	66	90	83	
Montgomery.....	100	100	100	100	100	94	95	97	78	88	100	85	
Morgan.....	92	100	100	100	93	80	75	97	93	73	100	97	
Moultrie.....	100	100	100	100	85	104	74	102	65	42	100	95	
Ogle.....	100	100	100	100	93	112	121	75	80	88	100	106	
Peoria.....	100	110	110	90	98	99	111	98	95	90	100	100	
Perry.....	100	100	100	100	92	85	84	103	57	85	100	95	
Piatt.....	100	100	100	100	98	126	79	85	73	89	100	105	
Pike.....	100	100	100	100	100	125	60	100	100	100	100	100	
Pope.....	100	100	75	120	100	100	75	100	100	110	110	110	
Pulaski.....	97	100	100	100	97	127	86	102	96	96	104	104	
Putnam.....	87	100	100	100	94	102	100	100	95	93	100	104	
Randolph.....	90	100	100	100	100	98	97	101	83	90	101	96	
Richland.....	100	100	100	100	100	105	88	90	100	60	102	87	
Rock Island.....	100	100	100	100	100	105	95	100	105	90	100	100	
Saline.....	100	100	95	100	100	103	100	100	100	100	100	77	
Sangamon.....	100	100	100	100	100	100	100	100	100	100	100	110	
Schuyler.....	100	100	100	100	100	92	85	77	47	83	100	83	
Scott.....	80	100	100	100	104	96	87	96	74	89	102	98	
Shelby.....	100	100	100	100	102	103	102	97	99	95	100	94	
Stark.....	100	100	100	100	100	90	90	90	90	90	100	90	
St. Clair.....	100	100	100	100	82	125	95	100	100	100	100	100	
Stephenson.....	97	100	100	100	105	124	98	97	96	90	102	97	
Tazewell.....	80	100	100	100	100	92	80	95	100	100	100	100	
Union.....	100	100	100	100	102	52	50	70	50	48	100	105	
Vermilion.....	100	100	100	100	100	80	75	103	65	53	100	105	
Wabash.....	100	100	100	100	98	120	105	105	100	103	101	96	
Warren.....	100	100	100	100	100	102	107	101	97	97	102	103	
Washington.....	110	92	97	100	104	111	114	107	89	88	100	103	
Wayne.....	100	100	100	100	100	85	83	100	93	100	103	117	
White.....	95	100	100	100	90	102	100	102	100	90	100	103	
Whiteside.....	87	100	100	100	100	125	100	100	100	120	100	100	
Will.....	94	100	100	100	94	89	85	97	100	87	102	102	
Williamson.....	50	100	100	100	93	95	92	110	110	105	93	103	
Winnebago.....	100	100	100	100	100	102	100	97	70	87	100	102	
Woodford.....	100	100	100	100	100	102	100	97	70	87	100	102	

FIELD CROPS—Acreage and Condition.

COUNTIES.	CORN.		BROOM CORN.		SORGHUM.		WINTER WHEAT.	SPRING WHEAT.	OATS.	RYE.	BARLEY.		FLAX.	TOBACCO.		
	Acreage with 1888.	compared	Acreage with 1888.	compared	Acreage with 1888.	compared	Condition June 20, '89	Condition June 20, '89	Condition June 20, '89	Condition June 20, '89	Acreage with 1888.	compared	Acreage with 1888.	compared	Acreage with 1888.	compared
		Condition June 20, '89		Seed—Quality compared with an average		Condition June 20, '89						Condition June 20, '89		Condition June 20, '89		Condition June 20, '89
		Per ct.		Per ct.		Per ct.						Per ct.		Per ct.		Per ct.
Adams	103	70	100				52		78	95						
Alexander	103	90	100		90	90	105		70	100					90	100
Bond	100	77	100			100	75		108	100						
Boone	94	81	99					102	106	109	96	96	104			
Brown	92	82	100					55		85	100					
Bureau	92	74	102			115	100	86	97	95	90	100	100			
Calhoun	103	78	103			90	100	102		98	80				90	100
Carroll	101	86	106	100	100	100	100	102	107	115	96	100	105			
Cass	106	97	102			100	90	92		100	100					
Champaign	102	82	102	100	50	100	50	90	102	98	93					
Christian	99	74	105	100	80	100	95	75		91	90					85
Clark	102	90	95	100	102	107	92	48		63	77				100	
Clay	112	93	107			95	92	107		102	105				100	100
Clinton	101	80	102			97	85	112		104	100					
Coles	99	80	102	75	74	100	80	100		96	100				50	75
Cook	97	90	105			50	90	110	100	105	100	100	102	200	100	100
Crawford	97	84	100			94	89	93		82	100			100	100	80
Cumberland	102	95	108	92	87	95	91	98		93	84			100	100	85
DeKalb	100	82	103	99	100			95	102	108	97	85	100			
DeWitt	100	78	104	100	50	88	73	95	92	92	94					
Douglas	106	78	100	85	83	100	80	95		95	95					
DuPage	100	90	105					90	102	100	88	100	100	80	100	
Edgar	97	72	100	77	70	87	77	52	50	87	50					
Edwards	97	70	100	100	125	90	85	100		85	90				90	100
Effingham	101	93	100			100	84	108		92	100				100	
Fayette	98	92	100	100	75	98	92	82		100	83				100	50
Ford	102	83	103					100		93	100					
Franklin	107	107	100			95	100	98		77	100				75	100
Fulton	96	87	104					85	87	90	90					
Gallatin	100	87	87			100	105	102		57	100				100	100
Greene	102	77	107			50	100	95	95	88	85				102	100
Grundy																
Hamilton	92	95	100			95	92	95		75						
Hancock	101	86	107					88		94	94	100	100		60	100
Hardin		105	106	100	103	100	102	107		100	105					
Henderson	95	85	105					100		95	95				100	100
Henry	101	87	104	74	96	97	100	90	92	95	97	103	100			
Iroquois	100	57	103			102	77	86	94	100	89			73	87	
Jackson	100	90	100			100	95	105		75						
Jasper	101	87	100	97	90	96	91	112		89	91				93	92
Jefferson	110	102	102					105		102	105					
Jersey	95	77	100					105		57						
JoDaviss	102	91	99	100	85	90	75	91	102	106	96	100	103	100	90	95
Johnson	102	93	97	60	100	100	90	90		70	92				85	90
Kane	102	97	107	100	90			100	100	107	87					
Kankakee	101	89	105	100	75	95	90	100	102	110	97	100	100	100	75	
Kendall	97	78	97					95	103	102	89					
Knox	99	93	112	87	92	91	98	99	90	99	101					
Lake	102	85	100			101	90	97	101	110	105	102	105			
LaSalle	98	92	105			95	100	96	94	100	100					
Lawrence	105	95	102			90	95	102		97	105	105	105		100	100
Lee	100	87	100			95	95	87	102	104	96	97	98			

FIELD CROPS—Acreage and Condition—Continued.

COUNTIES.	CORN.		BROOM CORN.		SORGHUM.		WINTER WHEAT.	SPRING WHEAT.	OATS.	RYE.	BARLEY.		FLAX.		TOBACCO.	
	Acreage with 1888.	Condition June 20, '89.	Seed—Quality compared with an average.	Acreage compared with 1888.	Condition June 20, '89.	Acreage compared with 1888.	Condition June 20, '89.	Condition June 20, '89.	Condition June 20, '89.	Condition June 20, '89.	Acreage compared with 1888.	Condition June 20, '89.	Acreage compared with 1888.	Condition June 20, '89.	Acreage compared with 1888.	Condition June 20, '89.
	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.
Livingston.....	100	83	100	.....	.....	65	85	95	90	100	85	.....	.....	.....	.....	.....
Logan.....	102	90	102	.....	.....	.....	.....	96	.....	97	95	.....	.....	.....	.....	.....
Macon.....	98	79	106	.....	.....	90	85	96	.....	96	97	.....	.....	.....	.....	.....
Macoupin.....	97	62	107	.....	.....	83	62	76	.....	76	95	.....	.....	.....	.....	.....
Madison.....	95	92	112	.....	.....	100	75	107	.....	94	90	80	100	.....	.....	.....
Marion.....	107	98	103	100	92	110	93	102	.....	90	102	.....	100	100	97	100
Marshall.....	95	92	98	50	90	73	94	91	93	100	97	72	90	.....	.....	.....
Mason.....	95	79	100	100	70	85	70	91	95	98	97	.....	.....	.....	.....	.....
Massac.....	95	88	87	.....	.....	75	75	87	.....	80	50	.....	.....	.....	.....	.....
McDonough.....	100	75	85	.....	.....	100	75	65	.....	125	.....	.....	.....	.....	.....	.....
McHenry.....	103	73	103	.....	.....	100	100	105	105	105	103	99	103	.....	.....	.....
McLean.....	100	87	102	.....	.....	.....	.....	97	.....	90	.....	.....	.....	.....	.....	.....
Menard.....	97	87	105	.....	.....	98	90	85	85	99	97	.....	.....	.....	.....	.....
Mercer.....	102	73	112	100	100	95	70	100	100	107	100	.....	.....	.....	.....	.....
Monroe.....	90	85	105	.....	.....	.....	.....	110	.....	15	.....	.....	.....	.....	.....	.....
Montgomery.....	94	76	104	100	80	97	78	93	.....	99	100	.....	.....	.....	.....	.....
Morgan.....	101	95	102	.....	.....	.....	.....	79	.....	88	92	.....	.....	.....	.....	.....
Moultrie.....	102	70	100	90	72	.....	.....	90	97	90	97	.....	.....	.....	.....	.....
Ogle.....	101	87	101	.....	.....	110	90	87	97	99	94	100	95	.....	.....	.....
Peoria.....	100	90	112	.....	.....	.....	.....	97	.....	95	98	.....	.....	.....	.....	.....
Perry.....	97	100	104	100	.....	103	100	97	.....	95	99	.....	.....	.....	90	100
Platt.....	105	84	103	95	90	90	87	95	90	99	77	.....	100	100	.....	.....
Pike.....	101	84	107	.....	.....	100	90	82	.....	94	97	.....	.....	.....	.....	.....
Pope.....	100	100	100	.....	.....	75	100	60	.....	60	75	.....	.....	.....	.....	.....
Pulaski.....	110	75	100	.....	.....	100	75	75	.....	40	.....	.....	.....	.....	50	50
Putnam.....	100	89	106	.....	.....	95	85	95	101	102	100	.....	.....	.....	.....	.....
Randolph.....	101	96	105	112	95	95	99	116	.....	89	97	100	90	.....	100	100
Richland.....	102	91	100	98	88	95	90	107	.....	88	100	.....	.....	.....	.....	.....
Rock Island.....	95	95	102	.....	.....	100	80	.....	95	102	83	.....	.....	.....	.....	.....
Saline.....	95	90	100	.....	.....	90	90	100	.....	80	90	.....	.....	.....	90	90
Sangamon.....	97	90	100	.....	.....	.....	.....	83	.....	100	100	.....	.....	.....	.....	.....
Schuyler.....	100	90	.....	.....	.....	75	100	100	.....	90	.....	.....	.....	.....	.....	.....
Scott.....	101	86	102	.....	.....	.....	.....	91	.....	97	100	.....	.....	.....	.....	.....
Shelby.....	105	87	106	97	87	89	79	106	.....	99	100	.....	90	100	100	100
Stark.....	101	92	106	100	95	100	92	99	102	102	97	102	100	.....	.....	.....
St. Clair.....	100	85	100	.....	.....	.....	.....	100	.....	75	.....	.....	.....	.....	.....	.....
Stephenson.....	100	85	100	100	80	100	80	77	102	100	85	90	100	.....	.....	.....
Tazewell.....	102	97	104	.....	.....	100	95	109	97	98	100	105	100	.....	.....	.....
Union.....	100	100	100	.....	.....	100	80	90	.....	87	85	.....	.....	.....	.....	.....
Vermilion.....	93	78	102	.....	.....	100	95	92	.....	100	97	.....	100	100	.....	.....
Wabash.....	105	80	100	.....	.....	102	75	102	.....	85	100	.....	.....	.....	100	90
Warren.....	103	96	103	80	90	99	97	98	96	97	101	.....	.....	.....	.....	.....
Washington.....	105	101	101	100	95	100	96	140	.....	101	96	100	100	.....	100	100
Wayne.....	101	97	100	100	100	97	96	96	.....	93	105	.....	.....	.....	97	93
White.....	104	83	104	.....	.....	100	75	100	.....	85	100	.....	.....	.....	100	100
Whiteside.....	100	82	107	.....	.....	110	80	100	103	103	67	100	100	.....	.....	.....
Will.....	100	94	105	.....	.....	.....	.....	105	95	.....	.....	.....	100	100	.....	.....
Williamson.....	101	105	100	.....	.....	89	95	102	.....	80	100	.....	.....	.....	60	80
Winnebago.....	92	74	109	90	75	100	75	100	105	111	92	99	110	.....	.....	.....
Woodford.....	105	92	100	100	95	85	97	90	97	101	100	.....	.....	.....	.....	.....

YOUNG LIVE STOCK.

Number and Condition Compared with an Average.

COUNTIES.	PIGS.		LAMBS.		CALVES.		COLTS.				
	Number.	Condition.	Number.	Condition.	Number.	Condition.	Number.	Condition.	Value at weaning time.	Lost prior to weaning.	Average cost of service.
Adams.....	93	97	95	100	100	103	102	100	\$38	16	\$11
Alexander.....	102	105	100	100	102	102	105	105	30	1	7
Bond.....	105	102	97	100	100	100	97	100	37	5	8
Boone.....	97	100	93	100	103	100	99	98	42	5	12
Brown.....	87	102	77	95	95	100	95	90	45	5	11
Bureau.....	77	90	97	100	94	100	71	91	37	25	12
Calhoun.....	110	100	97	99	100	100	87	95	40	10	12
Carroll.....	90	101	90	103	95	100	100	100	38	12	13
Cass.....	95	92	100	100	100	103	107	100	45	---	15
Champaign.....	97	91	100	100	97	99	96	96	49	7	14
Christian.....	86	95	94	97	92	97	100	97	48	6	14
Clark.....	98	100	98	100	102	97	117	100	30	12	8
Clay.....	95	103	97	100	97	108	102	100	38	5	10
Clinton.....	113	111	83	102	102	103	94	98	33	5	11
Coles.....	99	108	104	96	91	100	103	97	44	9	14
Cook.....	90	---	---	---	95	---	110	100	60	2	12
Crawford.....	106	89	79	101	92	96	96	95	37	4	9
Cumberland.....	124	104	114	102	91	102	114	103	41	5	12
DeKalb.....	93	103	100	100	103	100	88	98	35	---	10
DeWitt.....	97	100	92	100	96	98	103	102	45	6	15
Douglas.....	98	98	93	100	95	98	95	102	42	9	11
DuPage.....	97	103	90	100	102	100	102	100	48	12	14
Edgar.....	92	92	100	100	93	100	97	100	38	7	13
Edwards.....	107	112	100	115	97	112	90	100	45	5	12
Efingham.....	107	102	96	102	100	102	106	100	38	5	8
Fayette.....	90	102	100	100	87	100	115	100	37	5	10
Ford.....	97	103	112	100	95	100	85	100	44	10	14
Franklin.....	110	105	102	105	110	100	107	100	40	3	16
Fulton.....	108	94	91	96	99	98	97	89	66	5	12
Gallatin.....	127	100	100	95	95	100	75	102	50	7	10
Greene.....	100	100	105	100	92	100	115	105	40	5	13
Grundy.....	---	---	---	---	---	---	---	---	---	---	---
Hamilton.....	100	95	95	100	92	100	107	97	35	5	7
Hancock.....	98	98	100	100	95	100	101	100	35	7	10
Hardin.....	101	105	95	100	101	102	105	101	35	10	8
Henderson.....	92	95	97	100	95	97	100	100	40	3	14
Henry.....	115	102	106	101	96	102	99	104	39	10	13
Iroquois.....	96	98	99	101	85	98	98	95	43	16	12
Jackson.....	75	100	60	100	100	100	100	100	40	5	10
Jasper.....	101	100	92	100	98	100	90	97	49	9	10
Jefferson.....	115	102	97	100	95	100	112	100	40	6	8
Jersey.....	112	100	75	100	110	100	100	95	40	4	15
Jo Daviess.....	99	97	100	100	97	100	102	100	35	6	11
Johnson.....	95	100	92	100	108	102	112	100	50	4	10
Kane.....	90	100	97	105	88	100	102	100	32	7	13
Kankakee.....	96	103	100	100	100	100	101	99	40	11	12
Kendall.....	97	100	97	100	100	98	97	100	35	5	13
Knox.....	99	102	100	101	95	102	104	102	43	9	12
Lake.....	100	100	100	100	90	100	105	100	37	5	10
LaSalle.....	101	101	102	100	94	100	109	97	49	8	14
Lawrence.....	107	105	102	102	87	87	101	97	37	3	12
Lee.....	85	101	100	100	96	100	87	99	39	8	12

YOUNG LIVE STOCK—Continued.

Number and Condition Compared with an Average.

COUNTIES.	PIGS.		LAMBS.		CALVES.		COLTS.				
	Number.	Condition.	Number.	Condition.	Number.	Condition.	Number.	Condition.	Value at weaning time.	Lost prior to weaning.	Average cost of service.
Livingston.....	98	100	99	100	85	100	100	103	\$42	7	\$12
Logan.....	100	100	100	100	90	100	102	100	50	6	13
Macon.....	91	102	100	100	90	97	87	100	43	10	12
Macoupin.....	98	94	102	101	102	100	102	100	42	7	10
Madison.....	82	103	97	100	100	100	100	100	35	15	11
Marion.....	107	85	100	102	88	101	107	100	40	3	8
Marshall.....	82	98	95	92	78	80	76	82	40	20	11
Mason.....	98	83	100	100	97	100	97	100	46	6	12
Massac.....	72	125	75	87	98	95	103	92	50	5	10
McDonough.....	125	100	100	100	100	100	80	120	35	1	12
McHenry.....	103	97	95	101	102	100	106	101	33	4	12
McLean.....	95	100	94	100	90	100	93	100	55	29	15
Menard.....	94	100	100	102	90	100	104	101	36	7	14
Mercer.....	102	105	83	100	97	100	97	100	40	10	12
Monroe.....	25	107	.....	.....	75	110	.....	.....	.....	.....	.....
Montgomery.....	105	100	95	91	86	90	100	96	41	8	11
Morgan.....	105	102	97	100	97	98	106	100	47	5	13
Moultrie.....	95	97	95	100	100	100	107	100	40	3	12
Ogle.....	90	100	100	100	90	100	85	100	45	13	12
Peoria.....	110	105	107	100	97	103	92	102	42	7	12
Perry.....	107	93	109	100	101	100	102	100	36	4	12
Piatt.....	97	100	97	100	85	97	100	93	30	8	12
Pike.....	102	125	97	100	85	100	105	100	40	6	13
Pope.....	125	100	100	100	100	100	100	100	40	5	7
Pulaski.....	110	100	100	100	80	100	110	100	35	.....	10
Putnam.....	102	107	105	101	99	99	83	96	42	12	14
Randolph.....	109	97	99	102	102	100	97	100	40	3	11
Richland.....	110	100	86	100	102	96	102	98	41	7	9
Rock Island.....	90	100	100	100	102	100	97	100	30	15	12
Saline.....	100	100	90	100	100	100	100	100	35	1	8
Sangamon.....	100	100	93	100	100	100	95	100	50	8	16
Schuyler.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scott.....	91	105	102	100	97	100	105	100	42	7	13
Shelby.....	97	105	102	102	97	103	109	102	45	7	10
Stark.....	99	103	100	100	97	102	79	97	45	7	13
St. Clair.....	110	110	100	100	110	110	100	100	25	.....	15
Stephenson.....	90	100	90	100	100	100	75	100	45	25	10
Tazewell.....	103	111	101	101	100	100	97	99	46	11	14
Union.....	89	95	100	100	82	82	100	100	45	3	12
Vermilion.....	113	110	95	92	87	100	108	108	45	3	13
Wabash.....	98	93	98	97	100	100	103	100	40	5	11
Warren.....	98	100	100	100	98	100	100	100	43	8	11
Washington.....	101	102	102	102	103	102	131	102	40	5	10
Wayne.....	106	100	102	100	94	101	101	100	37	4	8
White.....	89	94	100	100	100	100	96	100	54	3	12
Whiteside.....	107	100	105	100	80	102	105	107	.....	5	15
Will.....	87	100	100	100	87	100	100	100	40	17	12
Williamson.....	110	100	95	100	101	100	100	87	46	6	8
Winnebago.....	100	107	100	110	93	92	105	107	43	6	14
Woodford.....	94	102	103	103	101	102	82	99	59	25	15

IRISH POTATOES AND FLAX.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
COUNTIES.				COUNTIES.				COUNTIES.			
Acr 'g 1889	Condition June 20, 1889.	FLAX.		Acr 'g 1889	Condition June 20, 1889.	FLAX.		Acr 'g 1889	Condition June 20, 1889.	FLAX.	
		compared to 1888.	June 20, 1889.			compared to 1888.	June 20, 1889.			compared to 1888.	June 20, 1889.
Boone.....	97	104	.....	Adams.....	100	83	.....	Alexander.....	80	100	.....
Bureau.....	97	97	95	Brown.....	95	100	.....	Bond.....	100	105	.....
Carroll.....	97	119	97	Calhoun.....	98	97	.....	Clay.....	100	104	.....
Cook.....	95	110	200	Cass.....	93	107	.....	Clinton.....	102	91	.....
DeKalb.....	102	108	.....	Champaign.....	97	93	.....	Crawford.....	103	102	.....
DuPage.....	100	120	80	Christian.....	97	99	.....	Edwards.....	97	100	.....
Grundy.....	*101	*102	.....	Clark.....	100	95	.....	Effingham.....	93	101	.....
Henderson.....	90	95	.....	Coles.....	100	100	.....	Fayette.....	95	103	.....
Henry.....	96	105	.....	Sumnerland.....	111	107	100	Franklin.....	102	107	.....
Iroquois.....	100	102	73	DeWitt.....	105	104	.....	Galatin.....	100	100	.....
JoDavies.....	99	105	100	Douglas.....	103	103	.....	Hamilton.....	95	95	.....
Kane.....	102	112	.....	Edgar.....	100	87	.....	Harden.....	*100	*97	.....
Kankakee.....	107	104	100	Ford.....	100	105	.....	Hudson.....	100	105	.....
Kendall.....	102	99	.....	Fulton.....	102	95	.....	Jasper.....	98	95	.....
Knox.....	93	105	.....	Greene.....	100	110	.....	Jefferson.....	80	110	.....
Lake.....	100	115	.....	Hancock.....	96	100	.....	Johnson.....	83	95	.....
LaSalle.....	101	105	.....	Jersey.....	100	90	.....	Lawrence.....	102	100	.....
Lee.....	101	100	.....	Logan.....	103	102	.....	Madison.....	94	95	.....
Livingston.....	97	100	.....	Macon.....	96	100	.....	Marion.....	95	102	100
Marshall.....	85	98	.....	Macoupin.....	96	92	.....	Massac.....	88	92	.....
McHenry.....	103	109	.....	Mason.....	100	97	.....	Monroe.....	105	130	.....
Mercer.....	73	100	.....	McDonough.....	100	100	.....	Perry.....	99	104	.....
Ogle.....	101	97	.....	McLean.....	97	103	.....	Pope.....	.....	.....	.....
Peoria.....	100	110	.....	Menard.....	99	100	.....	Pulaski.....	100	50	.....
Putnam.....	102	107	.....	Montgomery.....	88	102	.....	Richards.....	100	102	.....
Rock Island.....	98	100	.....	Morgan.....	97	101	.....	Saline.....	104	103	.....
Stark.....	98	104	.....	Moutrie.....	100	87	.....	St. Clair.....	100	95	.....
Stephenson.....	95	107	.....	Pike.....	104	106	100	Union.....	80	100	.....
Warren.....	100	107	.....	Sangamon.....	100	98	.....	Wabash.....	85	95	.....
Whiteside.....	98	105	.....	Schuyler.....	100	98	.....	Washington.....	110	100	.....
Will.....	100	111	100	Scott.....	80	110	.....	Wayne.....	97	104	.....
Winnebago.....	92	111	.....	Shelby.....	100	105	.....	White.....	99	103	.....
Woodford.....	105	110	.....	Tazewell.....	94	102	90	Williamson.....	94	102	.....
Average.....	98	105	100	Vermilion.....	103	103	100	Average.....	96	100	100

*Estimated.

THE GRAIN PLANT LOUSE IN ILLINOIS.

I have received during the last month an extraordinary number of inquiries from Southern and Central Illinois concerning a minute, bluish-green, oval, rather sluggish insect, found in alarming abundance on the heads and leaves of wheat and oats, from the Ohio River to Madison and Champaign counties, and as it must have attracted the attention of many who have not written to the office, I make here a general reply:

“This insect, commonly known as the grain plant louse (*Siphonophora avenae*) is an Old World species, known for over one hundred years to infest small grain, feeding, indeed, on a great variety of grasses and grass-like plants, including wheat, barley, oats, rye, blue grass, fox-tail, and the like, but not injuring any of the crop plants outside the family of grasses.

The general observer may readily distinguish it by its oval or oblong shape, its small size (when full grown about half that of the head of a pin), by its color, varying from bluish-green to pale brown, by its six slender-jointed legs, and two feelers springing from the head, and especially by two short black tubes (the so-called honey tubes or cornicles) projecting backwards and upwards from the hinder part of the body. Some of these plant lice are wingless, while others have large transparent wings. On the heads of wheat, it often crowds the stem as thickly as it can be packed between the kernels. Here it does its injury by sucking away the sap on its way to the swelling grain, thus shriveling or blighting the kernel.

In America it was first noticed in 1861, when it literally thronged the wheat fields of the Northeastern States and of Canada, from New York and Pennsylvania northward. Its injuries first attracted attention in Illinois in 1866, and again in 1876 and 1878, since which time it has not been here reported as especially injurious. It has been collected by us in small numbers, however, every year since 1882.

Its amazing abundance this season seems due to the drouths of recent years and of the early spring, its enormous rate of multiplication enabling it to take rapid advantage of circumstances favorable to its increase. A single female may give origin in twenty days to more than two million young, these, themselves, then multiplying at the rate of a million a day.

The amount of its injury, depending largely upon the weather, cannot commonly be predicted, seasonable rains serving to check its mischief, both by their unfavorable influence upon the insect and by enabling the grain to support the loss of sap. Serious injury has not been heretofore reported from the same district for two successive years.

These insects infest their food plants throughout the year, passing from one to another with the advancing season. They are most conspicuous and injurious when the grains infested are filling the kernel, at which time they concentrate in the head. At other times they are scattered upon the foliage, upon which they produce relatively little effect. The

interval between harvest and seeding time, they pass upon volunteer grain and wild and cultivated grasses. They have been found in late fall and early spring, even when the ground was covered with snow, upon the roots of winter wheat and rye, and here they seem to pass the winter. Doubtless, also, eggs are laid at some season, according to the usual method of insects of this kind, but the time and place are as yet unknown.

Besides their susceptibility to unfavorable weather, they are subject to immense destruction by parasites, the most useful of which are minute four-winged insects, which lay their eggs in the bodies of the plant lice, thus giving origin to a minute grub which feeds upon the tissues of the living insect. The brown, inflated, empty crusts of plant lice which have been thus parasitized may often be seen among the living insects, each with a round hole in the back, from which the mature parasite has escaped.

The attack in force of this plant louse is commonly so sudden and widespread, and its numbers are so overwhelming when it gets a fair start, that there is probably nothing to be done with it that is of any practical value. So sensitive a creature can best be left to the weather bureau and its natural enemies.

S. A. FORBES,
State Entomologist.

Champaign, June 20, 1889.

ILLINOIS STATE FAIR—PEORIA, SEPTEMBER 23-27, 1889.
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 12-21, 1889.
AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 12-21, 1889.
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 12-21, 1889.

STATISTICAL REPORT

— OF THE —

—ILLINOIS—

State Board of Agriculture,

—FOR—

AUGUST 1, 1889.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

MADE TO THE

ILLINOIS STATE BOARD OF AGRICULTURE.

W. C. GARRARD, Secretary,
SPRINGFIELD.

CIRCULAR 146.

SPRINGFIELD, ILL.:
ILLINOIS STATE JOURNAL COMPANY.
1889.

Illinois State Board of Agriculture.

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ILLINOIS CROP REPORT,

—FOR—

AUGUST 1, 1889.

Synopsis of the Reports of Correspondents upon the Condition of the Growing
Crops, Etc.

ILLINOIS STATE BOARD OF AGRICULTURE, }
SPRINGFIELD, August 1, 1889.

The information contained in this circular was obtained from the reports of correspondents mailed to this office the first of August.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to this department.

A large number of the correspondents have been reporting to this office during the past thirteen years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over five hundred, and are so distributed over the State as to represent each locality.

The State covers such an extended area from north to south (385 miles), and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of crops.

The year 1889, has so far been an unusually productive one, and farm crops of every variety have yielded largely. Not only has the yield been good, but the quality also has been above an average, and the farmers of the State have reason to congratulate themselves upon the present condition of agricultural affairs.

While there is some complaint of disease among live stock, it is generally in insolated localities in the various counties where it is reported, and by no means general. With the

fine pastures for summer, and plenty of hay for winter feed, there is every reason to believe that the coming winter will not be a hard one on stock.

WHEAT.

Notwithstanding the fact that the area in wheat this season, 2,052,388 acres, is more than 200,000 acres less than in 1888, the increased yield per acre makes the total number of bushels produced nearly 3,000,000 bushels larger than last year's crop.

The average yield per acre, 18 bushels, has been exceeded but twice in the past thirty years, in 1879 and 1882, and then by only a fraction of a bushel.

The quality of the berry this season is as good as any ever raised in the State. This fact explains largely the increased yield per acre, the heads being unusually large and well filled.

The great amount of rainfall during the period that the berry was in the milk, prevented the damage from insects which so frequently happens at that time. The only material damage by insects was done by the grain plant-louse in Perry county.

The price received for wheat, 70 cents per bushel, is low; but the total value of the crop, \$26,093,250, is \$1,964,813 more than was received by the farmers for this crop a year ago.

The following table gives the area, yield and value of the wheat crop of the State during the past thirty years:

WHEAT—(Spring and Winter.)

Year.	Number of acres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	†Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	2,109,471	11.3	23,897,023	\$0 85	\$20,261,469	\$9 60	\$10 55	\$22,254,919	.....	\$1,993,450
1861.....	2,109,471	11.3	23,897,023	71	16,927,284	8 02	10 55	22,254,919	.....	5,330,635
1862.....	2,300,994	14	32,218,500	76	24,482,262	10 64	10 55	24,275,170	\$ 207,092	.....
1863.....	2,617,347	12	31,408,183	1 05	32,978,571	12 59	10 55	27,613,211	5,365,560	.....
1864.....	2,328,763	14.3	33,371,173	1 55	51,725,318	22 21	10 55	27,568,450	27,156,868	.....
1865.....	2,296,977	11	25,266,745	1 09	27,541,732	12 00	10 55	24,233,107	3,308,625	.....
1866.....	2,196,263	18	28,551,421	1 93	55,104,243	25 09	10 55	23,170,575	31,933,668	.....
1867.....	2,456,140	11.4	28,060,000	1 97	55,560,000	22 45	10 55	26,912,177	29,247,723	.....
1868.....	2,483,478	11.5	28,560,000	1 20	34,272,000	13 80	10 55	26,200,692	8,071,308	.....
1869.....	2,307,142	11.2	28,300,000	76	22,192,000	8 51	10 55	27,505,348	.....	5,313,348
1870.....	2,259,538	12	27,115,000	94	25,488,100	11 28	10 55	23,838,600	1,649,500	.....
1871.....	2,050,081	12.3	25,206,000	1 18	29,754,880	14 51	10 55	21,628,354	8,126,526	.....
1872.....	2,042,231	12.1	24,711,000	1 23	30,394,530	14 88	10 55	21,546,537	8,848,993	.....
1873.....	2,104,963	13.5	28,417,000	1 10	31,258,700	14 84	10 55	22,207,361	9,051,340	.....
1874.....	2,619,304	11.5	30,122,000	86	25,904,920	9 88	10 55	27,633,657	.....	1,728,737
1875.....	2,600,000	10.5	27,300,000	91	24,843,000	6 55	10 55	27,430,000	.....	2,587,000
1876.....	2,520,430	9.3	23,440,000	93	21,799,200	8 64	10 55	26,590,536	.....	4,791,336
1877.....	1,977,745	16.4	32,490,556	1 15	38,002,082	19 22	10 55	20,865,210	17,136,872	.....
1878.....	2,324,755	14.6	33,883,398	80	27,059,460	11 64	10 55	24,526,165	2,533,295	.....
1879.....	2,440,808	18 3/4	45,417,661	87	39,930,639	16 36	10 55	21,750,535	14,180,104	.....
1880.....	3,256,350	17 1/2	56,508,409	82	46,497,160	14 27	10 55	24,854,650	11,642,610	.....
1881.....	3,642,569	7 1/2	22,374,163	1 07	24,139,780	7 90	10 55	32,499,238	.....	8,365,458
1882.....	2,846,117	18 1/2	52,323,261	89	46,714,376	16 41	10 70	30,477,274	16,237,102	.....
1883.....	2,047,956	10	20,347,502	95	19,337,063	9 50	11 10	22,695,812	.....	3,358,749
1884.....	2,717,592	15	33,611,245	76	25,410,014	9 35	10 75	29,272,419	.....	3,862,400
1885.....	1,068,364	7	8,299,243	86	7,162,292	6 70	10 65	11,358,311	.....	4,196,019
1886.....	1,991,336	14	28,284,086	74	18,865,383	9 47	10 75	21,423,465	.....	2,558,082
1887.....	2,391,297	16	38,676,486	65	25,032,982	10 47	10 90	26,070,347	.....	1,030,365
1888.....	2,277,001	15	34,317,920	70	24,128,437	10 60	9 50	21,632,132	2,496,305	.....
1889.....	2,052,388	18	37,201,916	70	26,093,250	12 71	9 48	19,460,043	6,633,207	.....

†1860-1881 estimated same as reported for 1880.

WINTER WHEAT.

The area of winter wheat harvested this season was 1,931,521 acres, a decrease of 244,440 acres, as compared with 1888.

The largest yield of winter wheat reported was in St. Clair county, where 2,388,700 bushels was harvested from 108,350 acres, an average yield of 22 bushels per acre. Madison county reports a total yield of 2,064,832 bushels, and in each of the counties of Adams, Fulton, Greene, Macoupin, Mason, Monroe, Randolph, Sangamon and Washington, over one million bushels was harvested. The largest yield per acre was 25 bushels, in the counties of Carroll, Marshall and Piatt.

A table published elsewhere in this report gives the area, yield and value of the winter wheat crop in each county in the State.

SPRING WHEAT.

There is a slight increase in the spring wheat area, over that sown in 1888. The area of the present crop is 117,864 acres, as against 98,037 acres last year. The only county in which over 10,000 acres was sown was Stephenson, where the area was 14,001 acres.

The yield of spring wheat was not so good as of winter wheat, being but 16 bushels per acre. In DeKalb county the average yield was 25 bushels per acre, in Lake 23, Cook 22 and Mason 20. In the other counties in which spring wheat is grown, the average yield was less than 20 bushels per acre.

Over one hundred thousand bushels of spring wheat were harvested in the following counties, viz: Bureau, 141,822 bushels; DeKalb, 148,025; Lake, 108,359; LaSalle, 112,176; Lee, 114,976; McHenry, 125,984; Stephenson, 182,013.

The area, yield and value of the spring wheat crop of the State is given by counties in a table published elsewhere in this report.

OATS.

With the exception of 1888, the area seeded to oats this season is larger than ever before in Illinois. The 1889 area was 3,663,936 acres.

Just before harvest the prospect was good for a phenomenally large oat crop, but the heavy rains about the middle of July caused a great deal of lodging, and when the grain was ready for cutting, much of it was beaten out and lost. On this account the average yield per acre was diminished, and was but 39 bushels, one bushel less than last year. This, however, is above the average yield for a term of years.

The total oat crop of the State, 142,150,811 bushels, is the largest ever harvested in Illinois, except last year.

But three times since 1860 has the price of oats been so low as this season, when they bring but 20 cents per bushel. The total value of the oat crop is \$28,981,064.

The following table gives the area, yield and value of the oat crop of the State during the past thirty years:

YEAR.	Number of acres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel—cents.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	543,572	28	15,220,029	\$ 26	\$ 3,957,207	\$ 7 28	\$ 9 40	\$ 5,109,577	.....	\$1,152,370
1861.....	543,572	28	15,220,029	19	2,891,805	5 32	9 40	5,109,577	.....	2,217,772
1862.....	894,610	20	17,892,209	24	4,294,128	4 80	9 40	8,409,334	.....	4,115,206
1863.....	820,059	24	19,681,420	56	11,011,595	13 44	9 40	7,708,555	\$8,313,040	.....
1864.....	779,003	31	24,273,571	61	14,806,988	19 00	9 40	7,322,628	7,484,360	.....
1865.....	802,520	35	28,088,197	24	6,741,167	8 40	9 40	7,543,688	.....	802,521
1866.....	883,952	34	39,054,370	33	9,917,942	11 21	9 40	8,309,149	1,608,793	.....
1867.....	1,068,372	30	32,158,000	49	15,757,420	14 74	9 40	10,042,097	5 714,723	.....
1868.....	1,018,150	32	32,479,000	39	12,666,810	12 44	9 40	9 570,610	3,096,200	.....
1869.....	1,099,261	22	35,726,000	37	13,218,620	12 02	9 40	10,333,053	2,885,567	.....
1870.....	1,480,846	26	38,509,000	32	12,320,640	8 32	9 40	13,919,952	.....	1,599,312
1871.....	1,163,202	33	38,502,000	28	10,770,563	8 26	9 40	10,934,099	.....	153,539
1872.....	1,178,196	36	43,122,040	19	8,294,180	6 95	9 40	11,075,042	.....	2,881,862
1873.....	1,178,666	30	35,360,000	28	9,900,800	8 31	9 40	11,079,460	.....	1,178,660
1874.....	1,818,514	17	31,824,000	45	14,320,800	7 87	9 40	17,094,032	.....	2,773,232
1875.....	2,272,727	33	75,000,000	28	22,000,000	9 24	9 40	21,363,634	.....	363,634
1876.....	2,400,000	20	48,000,000	26	12,480,000	5 20	9 40	22,560,000	.....	10,080,000
1877.....	1,556,194	39	61,145,983	26	16,269,647	10 45	9 40	14,628,224	.....	1,641,423
1878.....	1,757,953	30	53,423,555	20	10,684,911	6 07	9 40	16,524,728	.....	5,839,817
1879.....	1,631,139	33	54,664,569	22	12,059,162	7 39	9 40	15,332,706	.....	3,273,544
1880.....	1,749,391	35	62,709,002	24	12,858,247	8 40	9 40	17,375,108	.....	4,516,861
1881.....	1,922,389	35	68,644,514	30	21,022,267	10 50	9 40	19,090,119	1,932,048	.....
1882.....	2,461,655	40	99,275,380	41	41,062,611	16 40	9 85	24,316,329	16,746,282	.....
1883.....	2,740,959	38	104,299,230	26	27,403,706	9 88	9 85	27,061,660	341,046	.....
1884.....	2,867,560	36	102,411,665	25	26,047,256	9 08	9 85	28,254,143	.....	2,206,887
1885.....	3,159,585	36	114,344,387	24	28,098,984	8 89	9 75	30,863,626	.....	2,764,640
1886.....	3,337,455	34	113,247,644	26	29,042,381	8 70	9 80	32,644,177	.....	3,601,796
1887.....	3,643,861	30	110,006,640	23	25,625,744	7 03	9 75	35,473,984	.....	9,848,240
1888.....	3,809,830	40	151,172,782	24	36,264,246	9 52	9 49	35,911,979	352,297	.....
1889.....	3,663,936	39	142,150,811	20	28,981,064	7 91	9 45	34,573,834	.....	5,592,770

+1880-1881 estimated same as reported for 1881.

Over two million bushels of oats were produced this season in each of the following counties, viz: Bureau, 2,177,105 bushels; Champaign, 4,161,664; Cook, 2,556,186; DeKalb, 3,007,530; Ford, 2,313,200; Henry, 3,362,304; Iroquois, 4,618,216; Kankakee, 2,894,175; Knox, 2,543,445; LaSalle, 5,311,240; Lee, 2,393,160; Livingston, 5,962,712; Logan, 2,221,045; McLean, 5,145,800; Ogle, 3,421,160; Stephenson, 2,134,160; Vermilion, 2,375,622; Warren, 2,137,358; Washington, 2,197,969; Will, 4,218,440; Winnebago, 2,306,960; Woodford, 2,862,680.

The area, yield and value of the oat crop of the State is given by counties in a table published elsewhere in this report.

RYE.

The area devoted to rye this season, 204,873 acres, is 71,625 acres less than in 1888.

But little attention is paid to this crop, and in but four counties in the State, viz: Ogle, 10,618 acres; Stephenson, 20,545; Whiteside, 22,718, and Winnebago, 13,028 acres, was there over ten thousand acres sown.

The average yield per acre, 18 bushels, is a little above the average yield for the past ten years. The total yield was 3,803,419 bushels.

Never before in the agricultural history of the State has the price of rye been so low as this season, when it has returned to the farmer an average of only 38 cents per bushel. The total value of the present crop is \$1,466,229.

In twelve counties in the State over one hundred thousand bushels of rye was produced: Carroll, 167,520 bushels; DeKalb, 112,600; DuPage, 144,100; Henry, 155,920; Kane, 175,912; Lee, 128,740; Mercer, 100,040; Ogie, 180,506; Stephenson, 308,175; Whiteside, 408,324; Will, 150,942; Winnebago, 247,532.

The following table gives the area, yield and value of the past thirty rye crops grown in the State:

Year.	Number of acres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	*Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	59,455	16	951,281	\$0 49	\$ 466,127	\$ 7 87	9 80	\$ 582,659	.....	\$ 116,532
1861.....	59,455	16	951,281	44	323,435	5 44	9 80	582,659	.....	259,224
1862.....	49,066	20	981,322	43	421,968	8 60	9 80	480,847	.....	58,879
1863.....	55,199	16	883,190	74	653,561	11 84	9 80	540,950	\$112,611	.....
1864.....	56,671	15	850,071	1 01	862,822	15 22	9 80	555,376	307,446	.....
1865.....	51,004	16½	833,069	49	410,977	8 06	6 80	499,839	.....	88,862
1866.....	42,721	16 6	666,455	79	526,500	12 32	9 80	418,666	107,834	.....
1867.....	42,600	15	639,000	1 19	760,410	17 85	9 80	417,480	342,930	.....
1868.....	37,814	16.2	645,000	93	599,850	15 06	9 80	490,177	109,673	.....
1869.....	46,875	14.4	675,000	64	432,000	9 32	9 80	459,375	.....	27,375
1870.....	136,280	16.4	2,235,000	60	1,341,000	9 34	9 80	1,335,544	5,356	.....
1871.....	113,033	17.8	2,190,000	56	1,226,400	9 96	9 80	1,205,723	20,677	.....
1872.....	122,154	18.1	2,211,000	50	1,105,500	9 05	9 80	1,197,109	.....	91,609
1873.....	134,064	15	2,087,000	58	1,205,240	9 00	9 80	1,313,827	.....	108,587
1874.....	132,208	15.4	2,036,000	71	1,445,560	10 93	9 80	1,295,638	149,922	.....
1875.....	157,572	16.5	2,600,000	61	1,586,000	10 06	9 80	1,544,205	41,795	.....
1876.....	161,250	16	2,580,000	58	1,496,400	9 28	9 80	1,580,250	.....	83,850
1877.....	231,972	16	3,520,091	55	2,103,800	9 10	9 80	2,273,326	.....	169,576
1878.....	252,768	11	2,915,940	41	1,185,535	4 77	9 90	2,477,126	.....	1,289,591
1879.....	235,073	18	4,238,824	47	1,991,404	8 47	9 80	2,303,715	.....	312,311
1880.....	149,742	17	2,737,159	56	1,513,587	10 10	9 80	1,515,235	.....	1,648
1881.....	175,418	16	2,956,411	81	2,403,944	12 96	9 80	1,773,875	630,079	.....
1882.....	357,095	18	6,538,683	62	4,064,483	11 16	10 05	3,591,067	483,416	.....
1883.....	275,766	17	4,695,448	48	2,244,646	8 16	10 10	2,798,758	.....	554,112
1884.....	250,041	16	4,063,092	52	2,101,197	8 40	10 35	2,592,295	.....	492,098
1885.....	142,706	15	2,108,745	53	1,121,968	7 86	10 25	1,465,448	.....	343,470
1886.....	159,573	19	3,027,738	48	1,461,995	9 16	10 25	1,637,188	.....	175,193
1887.....	194,356	15	2,970,020	42	1,250,123	6 43	10 25	1,996,397	.....	746,264
1888.....	276,498	21	5,752,596	43	2,497,540	9 03	9 50	2,722,476	.....	224,939
1889.....	204,873	18	3,803,419	38	1,466,229	7 15	9 85	2,015,653	.....	549,426

*1860-1881 estimated same as reported for 1880.

A table published elsewhere in this report gives the area, yield and value of rye in each county in the State.

BARLEY.

There was 2,778 more acres seeded to barley in 1889 than in 1888. The total area in barley this season was 40,088 acres.

The average yield per acre, 30 bushels, is the largest ever harvested in the State, except in 1862, when it was 36 bushels. The total yield of barley, 1,207,157 bushels, is the largest amount produced in Illinois since 1876.

CROP REPORT.

The price per bushel, 42 cents, is one cent per bushel better than last year, but is still much below the average price obtained for barley in this State. The total value of the barley crop this year is \$511,994.

The following table gives the area, yield and value of the past thirty barley crops produced in this State:

Year.	Number of acres.	Average yield per acre.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	+Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	45,058	23	1,036,334	\$0 49	\$ 507,803	\$11 26	\$10 55	\$ 475,362	\$ 32,441	
1861.....	45,058	23	1,036,334	26	269,446	5 97	10 55	475,362		\$205,916
1862.....	32,657	36	1,175,651	60	705,390	21 60	10 55	344,521	360,859	
1863.....	54,775	22	1,205,042	95	1,444,790	20 81	10 55	577,876	566,914	
1864.....	50,520	22 ² / ₃	1,144,790	37	1,568,362	31 04	10 55	532,986	1,035,376	
1865.....	50,425	21	1,058,931	56 ¹ / ₄	600,943	11 91	10 55	531,994	68,949	
1866.....	41,510	25	1,037,753	68	705,672	17 00	10 55	437,930	267,742	
1867.....	44,663	22.3	996,000	1 28	1,274,880	28 52	10 55	471,195	803,685	
1868.....	37,829	25.8	976,000	1 36	1,327,360	35 08	10 55	399,096	928,264	
1869.....	59,808	20.8	1,250,000	90	1,125,000	18 81	10 55	630,974	494,026	
1870.....	111,600	20	2,232,000	62	1,383,840	12 49	10 55	1,147,380	206,460	
1871.....	80,509	25.5	2,053,000	52	1,067,560	13 26	10 55	849,370	218,190	
1872.....	79,455	26.1	2,073,000	55	1,140,150	14 35	10 55	837,944	302,206	
1873.....	99,130	23	2,280,000	95	2,166,000	21 85	10 55	1,045,821	1,120,179	
1874.....	119,302	17.2	2,052,000	97	1,990,440	16 68	10 55	1,258,636	731,804	
1875.....	113,281	25 6	2,900,000	70	2,030,000	17 92	10 55	1,195,114	834,886	
1876.....	124,293	17.7	2,200,000	50	1,100,000	8 85	10 55	1,311,291		211,291
1877.....	44,982	18.5	842,942	47	396,182	8 80	10 55	474,560		78,378
1878.....	29,301	24	703,294	56	398,844	10 19	10 55	309,125	89,719	
1879.....	25,494	22 ¹ / ₃	578,911	46	265,951	10 43	10 55	268,972		3,021
1880.....	39,313	25	992,382	56	660,703	14 26	10 55	407,271	153,432	
1881.....	31,472	23	697,467	74	892,328	16 28	10 55	331,066	161,263	
1882.....	34,611	27	940,396	68	641,951	18 36	10 55	364,695	277,256	
1883.....	26,845	25	674,338	59	398,901	14 75	10 35	278,298	120,063	
1884.....	26,746	27	732,139	50	366,550	13 70	10 17	272,159	94,391	
1885.....	34,706	25	862,133	47	405,764	11 70	10 15	451,952	53,812	
1886.....	41,992	28	1,164,052	52	603,215	14 36	10 20	428,486	174,729	
1887.....	46,646	16	757,935	45	340,134	7 29	10 20	474,845		134,711
1888.....	37,310	26	981,317	41	404,805	10 85	10 20	380,286	24,519	
1889.....	40,088	30	1,207,157	42	511,994	12 77	10 15	407,268	104,727	

+1860-1881 estimated same as reported for 1880.

In a table published elsewhere in this report will be found the area, yield and value of the barley crop of the State by counties.

HAY.

Meadows have done splendidly this season, and the average yield of 1.55 tons per acre is larger than for a number of years past. New meadows particularly have done well, but there is some complaint in regard to old ones.

The area in meadows this season, 3,176,281 acres, was 132,558 acres more than in 1888.

The total yield of hay was 4,910,544 tons, which, at the average price of \$.45 per ton brought the farmer \$2,210,871. The value of the hay crop was larger in Cook than in any other county of the State, where it returned \$860,678.

The following table gives the area, yield and value of the past thirty hay crops of the State:

Year.	Number of acres.	Average yield per acre.	Tons produced.	Price per ton.	Total value.	Value per acre.	†Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860	1,258,548	1.41	1,774,554	\$ 9 90	\$ 17,568,084	\$13 95	7 35	\$9,250,328	\$8,317,756	
1861	1,258,548	1.41	1,774,554	9 90	17,568,084	13 95	7 35	9,250,328	8,317,756	
1862	1,348,724	2.7	2,292,831	8 00	18,342,648	13 60	7 35	9,913,121	8,429,527	
1863	1,161,707	1.5	1,742,552	11 50	20,039,348	17 25	7 35	8,538,546	11,500,802	
1864	1,444,483	1.5	2,166,725	15 33	33,215,894	23 00	7 35	10,616,950	22,598,944	
1865	1,733,380	1.5	2,600,070	9 30	24,180,651	13 95	7 35	12,740,343	11,440,308	
1866	1,591,880	1.47	2,340,063	9 27	21,692,348	13 62	7 35	11,700,318	9,993,066	
1867	1,778,000	1.5	2,667,000	9 73	25,949,910	14 59	7 35	13,068,300	13,881,610	
1868	1,905,000	1.4	2,667,000	10 00	26,670,000	14 00	7 35	14,001,750	12,668,250	
1869	1,761,006	1.59	2,800,000	9 87	27,636,000	15 69	7 35	12,943,394	14,692,606	
1870	1,605,932	1.18	1,895,000	10 77	20,352,310	12 67	7 35	11,803,600	8,548,700	
1871	1,403,053	1.31	1,838,000	10 05	18,471,900	13 16	7 35	10,312,439	8,159,461	
1872	1,428,888	1.35	1,929,000	9 47	18,267,630	12 78	7 35	10,502,327	7,765,303	
1873	1,880,000	1.25	2,350,000	8 75	20,562,500	10 93	7 35	13,818,900	6,744,500	
1874	1,860,417	1.2	2,232,500	10 49	23,418,925	12 58	7 35	13,674,064	9,744,861	
1875	2,226,277	1.37	3,050,000	9 73	29,676,500	13 33	7 35	16,363,136	7,016,864	
1876	2,500,000	1.40	3,500,000	6 68	23,380,000	9 35	7 35	18,375,000	5,005,000	
1877	2,443,360	1.65†	4,044,967	5 43	21,971,368	9 99	7 35	17,958,696	4,012,672	
1878	2,368,854	1.45	4,255,471	4 70	19,994,341	8 44	7 35	17,411,077	2,583,164	
1879	2,161,760	1.20	2,578,730	6 37	16,428,012	7 60	7 35	15,888,936	539,076	
1880	2,259,857	1.5	3,486,584	6 50	22,589,691	9 75	7 35	16,707,706	5,912,985	
1881	2,384,366	1.5	3,484,222	6 95	24,184,087	10 42	7 35	17,517,470	6,666,517	
1882	2,629,333	1.75	4,399,186	7 75	34,006,164	13 56	7 35	19,390,712	14,615,456	
1883	2,945,482	1.75	5,064,400	6 15	30,990,271	10 76	7 35	21,694,095	9,296,179	
1884	3,004,342	1.64	4,940,506	5 47	27,055,086	9 00	7 35	22,093,713	4,961,364	
1885	3,197,688	1.33	4,197,226	6 05	25,347,809	7 96	7 30	23,320,211	2,027,591	
1886	3,393,961	1.45	4,944,810	5 9†	29,465,173	8 53	7 15	24,752,971	6,192,328	\$
1887	3,316,016	.78	2,581,539	8 70	22,468,692	6 77	7 30	24,149,983		1,691,291
1888	3,043,723	1.41	4,423,162	6 70	29,548,129	9 71	6 85	20,904,275	8,643,854	
1889	3,176,291	1.55	4,910,544	5 45	26,819,871	8 44	6 85	21,813,830	5,006,041	

†1860-1881 estimated same as reported for 1880.

The area, yield and value of the hay crop of 1889 for each county in the State, is given in a table published elsewhere in this report.

FLAX SEED.

There is a slight increase over last year in the area sown to flax. The total area this season is 6,238 acres.

The average yield of seed per acre, six bushels, is the smallest ever returned, and the total yield is but 37,428 bushels.

The price obtained per bushel, \$1.10, makes the total value of the crop but \$41,174.

The following table gives the area, yield and value of the last eleven crops of flax grown in the State:

Year.	Number of acres.	Average yield per acre.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1879	110,016	9 00	990,447	\$1 30	\$1,296,753	\$11 78				
1880	171,985	9 06	1,557,898	1 00	1,557,898	9 19	\$9 45	\$1,565,715		\$7,817
1881	116,776	9 17	1,071,339	1 02	1,099,017	9 41	9 45	1,045,504	\$53,513	
1882	93,240	8 84	824,820	1 10	911,706	9 78	8 90	830,970	80,736	
1883	29,338	9 31	273,286	1 09	300,208	10 22	8 65	258,726	41,292	
1884	31,019	8 79	272,845	1 15	314,416	10 14	8 73	270,825	42,519	
1885	21,744	9 90	198,823	1 09	216,093	9 94	8 95	195,732	21,361	
1886	13,231	8 90	117,593	0 95	111,957	8 46	9 10	120,399		8,442
1887	10,184	8 00	81,472	1 00	81,472	8 00	8 85	90,234		8,762
1888	6,181	8 00	49,448	1 10	54,394	8 80	8 00	49,609	4,785	
1889	6,238	6 00	37,428	1 10	41,174	6 60	8 20	51,199		10,025

A table published elsewhere in this report gives the area, yield and value of flax in each county where it is raised.

CORN.

The condition of corn has improved somewhat since June 20, when the average condition was 87 per cent.

The early planted corn, as a rule, has done well, but that planted later has not made so good a growth. The wet weather in May and early June prevented cultivation when the young corn most needed it, and the weeds got ahead of the corn in some sections. On the bottom and low lands corn does not look so well as on high ground, whence very favorable reports have been received.

The cool weather has retained the growth of corn to some extent, but should there be no early frosts the corn crop of the State will be very large.

In the Northern Division of the State the August 1st outlook indicates only 87 per cent. of an average yield per acre. In but five counties, viz: Henderson, LaSalle, Mercer, Warren and Woodford is the condition up to an average. In Iroquois county the condition is 55 per cent.; in DuPage, 67, and in Kankakee, 74 per cent. In the other counties in this division the condition is 75 per cent. and upwards.

In but three counties in Central Illinois; viz: Cass, 100; Christian, 113 and Cumberland, 101, will there be an average yield per acre. Corn in this section is quite uniform in condition, the lowest report being from Montgomery county, where the condition is 73 per cent. The average condition of corn in this division is 88 per cent.

In the Southern Division the condition of corn is much above that of other portions of the State, being 103 per cent. In the majority of the Southern counties the August 1st condition is above an average, and the present prospects are favorable for an unusually large yield per acre. Chinch bugs have injured the corn to some extent in Perry county.

The area in corn this season, 6,997,635 acres, is but 50,000 acres less than last year.

A table published elsewhere in this report gives the area of the crop in each county in the State, as well as the increase or decrease in area compared with 1888.

BROOM CORN.

The August 1st reports indicate that the yield of broom corn will be about 92 per cent. of an average per acre. In the following counties there will be an average or better yield per acre: Alexander, Champaign, Fayette, Franklin, Greene, Ogle, Pope, Richland, Scott, Stark, Union, Warren, Wayne and Winnebago, 100; Christian, Perry and White, 105; Williamson, 110.

In Coles and Douglas counties, the largest two broom corn producing counties in the State, the condition is but 69 and 72 per cent. respectively.

SORGHUM.

There will be an average or better yield per acre of sorghum in the following counties, viz: Brown, Bureau, Cass, Clay, Cook, Edgar, Fulton, Greene, Henry, Jefferson, Johnson, LaSalle, McHenry, Menard, Perry, Saline, Sangamon, Scott and Union, 100; Richland, 101; Crawford and Williamson, 102; Washington, 103; Champaign, 105; Monroe, 125.

The most unfavorable reports on sorghum come from Whiteside county, 50, and Massac, 52 per cent. In the other counties in the State the August 1st condition indicates from 75 to 100 per cent. of an average yield per acre.

COTTON.

There will be an average yield per acre of cotton in Williamson county.

HEMP.

The area of hemp in the three counties from which it is reported is as follows: Champaign, 110; Coles, 100 and Will, 200 per cent. as compared with 1883.

The condition in Champaign county is 85 per cent. of an average yield per acre, in Coles, 110 and in Will county, 100 per cent.

PASTURES.

But once in ten years, in 1884, has the August 1st condition of pastures been so good as this year, when they are four per cent. above an average. The season has been unusually favorable for their growth, and the only complaint in regard to them is that they grow so rank, and contain so much water that they are not so fattening as usual.

In all except the counties named the condition is up to, or above an average: Boone, 97; Calhoun, 90; Clark and DeKalb, 98; Edgar, 97; Jersey, 88; Livingston and Logan, 94; Macoupin, 98; Marshall, 80; Montgomery, 97; Piatt, 90; Pike, 98; Scott and Stephenson, 99.

The area in pastures this season, 5,691,043 acres, is about 105,000 acres less than in 1888. In four counties, viz: Clark, Kane, Livingston and McHenry, there was an increase in area of over 10,000 acres, and in eight counties, Clay, Franklin, Grundy, Iroquois, Jefferson, Montgomery, Piatt and Wayne, was there a decrease of 10,000 acres.

The greatest difference in area as compared with 1888 is in Iroquois county, where the present area is 35,777 acres less than a year ago.

In a table published elsewhere in this report will be found the area of pastures in each county in the State, together with the August 1st condition since 1879.

IRISH POTATOES.

There will be an average, or better, yield per acre of Irish potatoes in more than three-fourths of the counties in the State. In the other counties the probable yield per acre is as follows, viz: Alexander, 75 per cent; Boone, 94; Brown, 97; Calhoun, 95; Christian, 99; Clinton, 93; Coles, 88; Edwards and Effingham, 93; Grundy, 87; Hamilton, 78; Hancock, 99; Hardin, 95; Jersey, 97; Johnson, 92; Kankakee, 96; Macoupin, 84; Madison, 97; Montgomery, 87; Morgan, 98; Moultrie, 95; Pope, 80; Pulaski, 84; Rock Island, 95; Sangamon, 96; Wayne, 99.

A table published elsewhere in this report, the August 1st condition of Irish potatoes in in all the counties in the State is given.

SWEET POTATOES.

Sweet potatoes are not so promising at this date as Irish potatoes, but with favorable conditions, 95 per cent. of an average yield per acre will be obtained.

There will be an average or better yield per acre as follows: Boone, Bureau, Cass, Clay; Cook, Douglas, Edgar, Ford, Greene, Hamilton, Hancock, Henry, Jasper, Jefferson, Johnson, Kane, Kankakee, Lee, Macon, Mason, McDonough, McHenry, Menard, Mercer, Monroe, Moultrie, Pike, Pope, Rock Island, Sangamon, Schuyler, Scott, Stark, St. Clair, Stephenson, Tazewell, Vermilion, Whiteside, Winnebago and Woodford, 100; Warren, 101; Crawford, Hardin, Knox, Marion, Piatt, Saline, Washington and Williamson, 102; Campaign and Clark, 103; DeWitt, 107. In the other counties in the State there will be from 70 to 100 per cent. of an average yield per acre.

TURNIPS.

The area devoted to turnips and other root crops (not including potatoes) this season, is as large as in 1888, with the exception of the following counties, viz: Bond, 87; Boone, 95; Calhoun, 70; Clark, 95; Clinton, 97; Cumberland, 94; Edgar and Effingham, 90; Fayette, 87; Greene, 95; Grundy, 90; Hamilton, 70; Jasper, 95; Johnson, 87; Knox, 95; Lawrence, 83; Lee, 99; Livingston, 85; Marshall, 78; Perry, 97; Shelby, 96; Tazewell, 80; Union and Wabash, 95; Wayne, 93; Winnebago, 97 and Woodford, 90 per cent.

The present condition is up to an average in most of the counties.

TOBACCO.

In the forty-two counties in which tobacco is raised, the August 1st condition indicates that the yield will be 94 per cent. of an average per acre.

The yield will be above an average in the following counties: Brown and Clay, 110; Crawford, 101; Randolph, 105 per cent.

CASTOR BEANS.

The August 1st condition of castor beans indicates that there will be but little over 90 per cent. of an average yield per acre.

A full average yield per acre may be expected in the following counties, viz: Crawford, Jasper, Jefferson, Johnson, Mason, Pulaski, Randolph and Shelby, 100; Will, 102 per cent.

BUCKWHEAT.

The area devoted to buckwheat this season is as large, or larger than in 1888 in about half of the counties where it is raised. The area is less than last year in the counties named below: Bureau, 50 per cent.; Carroll and Clark, 90; Clay, 87; Coles, 90; Crawford, 69; Cumberland, 96; Edwards, 85; Fulton, 50; Greene, 80; Henry, 95; Jasper, 99; Kane, Kankakee and Lake, 90; Lawrence, 83; Lee, 95; Livingston, 50; Macoupin, 87; Marion, 93; Marshall, 90; McDonough, 87; McHenry, 99; Mercer, 70; Morgan, 80; Piatt, 95; Richland, 62; Scott, 90; Shelby, 84; Tazewell, 90; Wabash, 50; Wayne, 97 and Will, 98 per cent.

The yield per acre will be up to an average in most of the counties. In but two counties will there be less than 75 per cent. of an average yield per acre, Winnebago, 60 and Livingston, 67 per cent.

FIELD PEAS.

The present condition of field peas indicates that there will be less than an average yield per acre in eighteen out of the forty-four counties where peas are grown as a field crop. In Calhoun, Clark and Clay counties there will be but half an average yield per acre; Massac, 72 per cent.; Johnson, 75; Coles, Cumberland and Marion, 80 Henry and White, 90; Washington, 92; Franklin, Livingston, Marshall, Mason, Saline and Will, 95; McHenry, 99;

FIELD BEANS.

There will be less than three-fourths of an average yield per acre of field beans in the following counties, viz: Calhoun and Clay, 60 per cent.; Gallatin and Jefferson, 75 per cent. In the other counties in which field beans are grown the August 1 condition indicates that there will be from 75 to 125 per cent. of an average yield per acre.

APPLES.

Apples are up to an average condition in but eighteen counties in the State. The general average will be from 75 to 100 per cent., but there are many counties where the yield will be less than half as large as usual. The amount of bloom, as a rule, was large, but great numbers of the apples fell off before they had matured, and those that remain are small and knotty.

In the following counties the condition of apples is above an average: Carroll, 147; Franklin, 103; Hamilton, 102; Jasper, 109; Jefferson and Kankakee, 102; Lake, 104; McHenry, 111; Ogle, 105; Perry and Washington, 102; Will, 103.

A table published elsewhere in this report gives the August 1 condition of apples in each county of the State.

PEACHES.

The crop of peaches this season promises to be very much larger than for many years past. The amount of peach bloom was almost phenomenal, and while a large proportion of it fell off, either as bloom or young fruit, the yield will still be large. Many counties which have not produced a peach for years will have more than can be used at home.

PEARS.

The condition of pears is not up to an average, and but little more than three-fourths of an average yield may be expected.

A table published elsewhere in this report gives the present condition of pears in each county of the State.

PLUMS.

There will be an average or better yield of plums in the following counties: Alexander, Carroll, Clark, DeKalb, Grundy, Iroquois, Jo Daviess, Kane, LaSalle, McDonough, Perry and Whiteside, 100; Saline, 101; Pope and Stark, 102; Putnam, 104; DuPage and Warren, 105; Franklin, 107; Henry, 108; Gallatin, 114.

GRAPES.

Grapes are not in as good condition as usual in most of the counties. There is a good deal of complaint of grapes rotting, particularly in Hancock county. There will be average, or better yield of grapes as follows, viz.: Carroll and Clark counties, 102; Gallatin, 107; Henry and Jackson, 100; Jasper, 102; Jefferson and Kendall, 100; Lake, 102; Mason and McDonough, 100; McHenry, 103; Ogle, 100; Pope, 103; Pulaski, Putnam and Wabash, 104; Warren, 101 and Winnebago, 102 per cent.

BLACKBERRIES.

In all but nineteen counties in the State there was over an average yield of blackberries, and in some places they were a drug in the market. The counties where there was only an average yield, or less, are as follows: Adams, 100; Champaign, 76; Christian 87; Coles, 81; Cook, 100; Cumberland, 92; DuPage, 100; Edgar, 93; Ford, 97; Greene, 100; Iroquois, 98; Jackson, 100; Kankakee, 97; Livingston, 92; Marshall, 95; Menard, 100; Morgan, 96; Scott, 99; Vermilion, 87; Will, 100, and Woodford 96 per cent.

QUINCES.

The August 1 condition indicates that the yield of quinces will be 88 per cent of an average in the 50 counties where they are grown at all. The poorest prospects are: Bureau, 30 per cent; Jersey, 50; Massac, 60 and Piatt, 50.

LIVE STOCK.

The reports on live stock are, on the whole, good. The fine pasture has been favorable to them, and the cases of disease are comparatively few. Flies have troubled horses and cattle very much in Livingston, Macon, McLean, Peoria and Sangamon counties. In Saline county there is complaint of sore mouth, and a disease affecting the head and lungs of hogs, supposed to be caused by rich pastures and the hot, wet atmosphere.

There is some complaint of milk sickness in the river bottoms of Wabash county, and in Warren and Mercer counties a few calves have died of blackleg.

In some parts of Champaign county a disease called *Hydrophobia* has killed some horses and pigs, but the correspondents do not describe it.

A few horses are reported to have died from the effects of the extreme heat of July 18, in Jo Daviess county.

The pigs in portions of Iroquois county are affected with a disease which makes them weak in their hind legs.

A good many draft horses have died in Bureau county. No cause assigned. Many of the young colts have died in Kankakee county.

There is a good deal of distemper among horses and a number of animals have died. The disease is reported in Brown, Champaign, Gallatin, Hamilton, Iroquois, Lawrence and Wayne counties.

Hog cholera has been quite prevalent in a number of counties, and in Lawrence county the hogs are said to be dying by the hundred.

There is more or less cholera in localities in Cass, Christian, Clark, Clinton, Coles, Jasper, Mercer, Pulaski, Scott, Shelby, Wabash, White and Williamson counties. Another disease, not described, is affecting the hogs in Pulaski county.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this department consists in their seasonable appearance during the growing season, and after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the market value of the crop. The official acreage of the crops, as reported by the assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. In reporting condition, 100 is used by correspondents to represent a fair, seasonable, average vitality or growth, unaffected by storms, insects or contingencies; an increase of one-tenth or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The observers of the department are, as a rule, experienced farmers who have made the study of the conditions and yield of crops their life work, conservative men who realize the necessity for the work done by this department and assist it by their gratuitous reports.

It is not pretended that these reports will exactly coincide with the official assessors' returns, but they do represent the condition or yield of the various crops, etc., at the dates given, as estimated by men experienced in this work, and their estimates, for a term of years, will be found to closely approximate the assessors' returns.

W. C. GARRARD,

Secretary.

WINTER WHEAT.

COUNTIES.	Acreage 1889 returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Adams.....	68,328	15	1,024,920	\$0 73	\$748,192	*8 45	\$577,372	\$170,820	.....
Alexander.....	19,087	22	199,914	66	131,943	12 50	113,587	18,356	.....
Bond.....	17,505	17	297,585	72	214,261	10 10	176,800	37,461	.....
Boone.....	255	15	3,825	*78	2,983	8 70	2,218	765	.....
Brown.....	24,953	17	423,861	68	288,225	*9 20	229,384	58,841	.....
Bureau.....	1,062	15	15,930	70	11,151	10 60	11,257	.....	\$106
Calhoun.....	+16,122	20	322,440	70	225,708	14 30	230,545	.....	4,837
Carroll.....	2,188	25	54,700	75	41,025	9 45	20,677	20,348	.....
Cass.....	27,619	22	607,618	70	425,333	10 45	288,618	136,715	.....
Champaign.....	17,392	20	347,840	70	243,488	9 15	159,137	84,351	.....
Christian.....	45,506	17	773,602	71	549,257	10 60	482,364	66,893	.....
Clark.....	15,444	12	185,328	65	120,463	7 05	108,880	11,593	.....
Clay.....	2,634	15	39,510	75	29,632	6 50	17,121	12,511	.....
Clinton.....	48,100	17	817,700	68	556,036	12 85	618,085	.....	62,049
Coles.....	11,106	20	222,120	70	155,484	9 30	103,286	52,198	.....
Cook.....	+96	20	1,920	77	1,478	10 35	994	484	.....
Crawford.....	18,465	21	387,765	70	271,435	7 15	132,025	139,410	.....
Cumberland.....	7,848	18	141,264	76	107,361	6 45	50,620	56,741	.....
DeKalb.....	347	17	5,899	*75	4,424	8 60	2,984	1,440	.....
DeWitt.....	+7,020	21	147,420	75	110,565	9 45	66,339	44,226	.....
Douglas.....	6,676	23	153,548	70	107,484	8 80	58,749	48,735	.....
DuPage.....	139	*17	2,363	*77	1,819	9 75	1,355	464	.....
Edgar.....	24,194	14	338,716	70	237,101	7 80	188,713	48,388	.....
Edwards.....	12,281	17	208,777	70	146,144	*9 00	110,529	35,615	.....
Efingham.....	+15,108	9	135,972	72	97,900	9 25	139,749	.....	41,849
Fayette.....	+20,746	14	290,444	70	203,311	8 30	172,192	31,119	.....
Ford.....	+605	15	9,075	80	7,260	6 75	4,084	3,176	.....
Franklin.....	3,417	14	47,838	65	31,095	8 45	28,874	2,221	.....
Fulton.....	+60,369	20	1,207,380	70	845,166	10 10	609,727	235,439	.....
Gallatin.....	+13,092	24	314,208	69	216,803	8 55	111,937	104,866	.....
Greene.....	51,027	21	1,071,567	69	739,381	11 10	566,400	172,981	.....
Grundy.....	1,357	15	20,355	*72	14,656	11 75	15,945	.....	1,289
Hamilton.....	1,668	12	20,016	72	14,411	9 55	15,929	.....	1,518
Hancock.....	40,910	18	736,380	69	508,102	9 70	396,827	111,275	.....
Hardin.....	6,183	14	86,562	65	56,265	9 20	56,884	.....	619
Henderson.....	8,138	16	130,208	70	91,146	12 25	99,690	.....	8,544
Henry.....	521	20	10,420	70	7,294	9 05	4,715	2,579	.....
Iroquois.....	1,973	11	21,703	75	16,277	8 80	17,362	.....	1,085
Jackson.....	+33,557	21	704,697	65	458,053	9 45	317,114	140,939	.....
Jasper.....	6,132	14	85,848	83	71,254	7 60	46,603	24,651	.....
Jefferson.....	5,413	16	86,608	75	64,956	7 20	38,974	25,982	.....
Jersey.....	+29,200	21	613,200	70	429,240	7 50	219,000	210,240	.....
JoDavies.....	4,224	11	46,464	85	39,494	11 40	48,154	.....	8,660
Johnson.....	6,894	12	82,728	65	53,773	8 75	60,322	.....	6,549
Kane.....	213	20	4,260	80	3,408	12 25	2,609	799	.....
Kankakee.....	1,418	20	28,360	70	19,852	13 70	19,427	425	.....
Kendall.....	195	*16	3,120	*76	2,371	*10 95	2,135	236	.....
Knock.....	6,441	20	128,820	72	92,750	10 05	64,732	28,618	.....
Lake.....	386	20	7,720	*77	5,944	*10 40	4,014	1,930	.....
LaSalle.....	+6,600	16	105,600	72	76,032	12 55	82,830	.....	6,798
Lawrence.....	26,497	21	556,437	69	383,941	7 70	204,027	179,914	.....
Lee.....	224	15	3,360	72	2,419	8 95	2,005	414	.....

WINTER WHEAT—Continued.

COUNTIES.	Acreage 1889 returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop	Cost of pro- duction per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Livingston.....	2,111	15	31,665	\$0*72	\$22,799	\$7 85	\$16,571	\$6,228	.....
Logan.....	41,995	22	923,890	71	655,962	9 85	413,651	242,311	.....
Macon.....	1,407	20	28,140	71	19,979	10 65	14,984	4,995	.....
Macoupin.....	70,298	15	1,054,470	69	727,584	8 35	586,988	140,596	.....
Madison.....	93,856	22	2,064,832	74	1,527,976	10 35	971,410	556,566	.....
Marion.....	2,324	17	39,508	74	29,236	7 40	17,198	12,038	.....
Marshall.....	1,110	25	27,750	70	19,425	9 60	10,656	8,789	.....
Mason.....	60,169	18	1,083,042	68	736,468	9 55	574,614	161,854	.....
Massac.....	17,808	13	231,504	65	150,478	8 35	118,697	1,781	.....
McDonough.....	7,322	16	117,152	65	76,149	10 60	77,613	.....	\$1,464
McHenry.....	500	*18	9,000	*78	7,020	10 50	5,250	1,770	.....
McLean.....	8,262	23	190,026	68	129,218	11 15	92,121	37,097	.....
Menard.....	22,160	21	465,360	71	330,406	9 65	213,844	116,562	.....
Mercer.....	1,221	20	24,420	*72	17,582	9 40	11,477	6,105	.....
Monroe.....	56,907	*19	1,081,233	68	735,238	11 10	631,668	103,570	.....
Montgomery.....	57,302	17	974,134	71	691,635	8 85	507,123	184,512	.....
Morgan.....	49,466	18	890,388	70	623,272	10 75	531,759	91,513	.....
Moultrie.....	2,614	18	47,052	70	32,936	8 50	22,219	10,717	.....
Ogle.....	2,339	13	30,407	*74	22,501	11 15	26,080	.....	3,579
Peoria.....	9,598	17	163,166	75	122,374	10 55	101,259	21,115	.....
Perry.....	9,364	12	112,368	*69	77,534	8 35	78,189	.....	655
Piatt.....	4,253	25	106,325	70	74,427	9 65	41,046	83,386	.....
Pike.....	75,834	13	985,842	70	690,089	10 80	819,007	.....	128,918
Pope.....	*13,522	8	108,176	65	70,314	6 65	89,921	.....	19,607
Pulaski.....	11,958	16	191,328	69	132,016	7 70	92,077	39,939	.....
Putnam.....	538	16	8,608	*71	6,112	10 30	5,541	571	.....
Randolph.....	76,274	21	1,601,754	68	1,089,193	8 70	663,584	425,609	.....
Richland.....	8,935	15	134,025	70	93,817	9 50	84,882	8,935	.....
Rock Island.....	404	*20	8,080	*70	5,156	11 80	4,767	889	.....
Saline.....	10,819	15	162,285	66	107,108	8 80	95,207	11,901	.....
Sangamon.....	55,116	20	1,102,320	69	760,601	12 50	688,950	71,651	.....
Schuyler.....	*40,714	19	773,566	71	549,232	7 25	295,176	254,056	.....
Scott.....	13,422	19	255,018	67	170,862	10 95	146,971	23,891	.....
Shelby.....	19,465	23	447,695	68	304,433	6 75	131,389	173,044	.....
Stark.....	260	15	3,900	75	2,925	12 65	3,289	.....	364
St. Clair.....	108,350	22	2,383,700	72	1,716,264	*9 65	1,045,577	670,687	.....
Stephenson.....	3,076	12	36,912	73	26,946	11 00	33,836	.....	6,890
Tazewell.....	35,533	21	746,193	73	544,721	8 30	294,924	249,797	.....
Union.....	25,736	17	437,512	68	297,508	*9 25	258,052	59,450	.....
Vermilion.....	15,992	17	271,864	75	203,898	8 25	131,934	71,964	.....
Wabash.....	21,755	23	500,365	70	350,255	10 05	218,638	131,617	.....
Warren.....	2,421	19	45,999	77	35,419	11 45	27,720	7,699	.....
Washington.....	*76,033	15	1,140,495	71	809,751	8 35	634,875	174,876	.....
Wayne.....	3,472	14	48,608	74	35,970	7 75	26,908	9,062	.....
White.....	37,340	19	709,460	70	496,622	3 60	134,424	362,198	.....
Whiteside.....	*997	*18	17,946	*72	12,921	9 80	9,771	3,150	.....
Will.....	2,519	12	30,228	75	22,671	9 55	24,056	.....	1,385
Williamson.....	6,955	15	104,325	67	69,898	8 00	55,640	14,258	.....
Winnebago.....	605	14	8,310	78	7,262	9 80	6,517	745	.....
Woodford.....	7,178	15	107,670	72	77,522	9 30	66,755	10,767	.....
Total or average	1,934,524	18	35,352,931	\$0 70	\$24,803,731	\$9 45	\$18,268,70	\$6,841,790	\$306,765

*Estimated.

†Estimated same as in 1888.

SPRING WHEAT.

COUNTIES.	Acreage 1889 re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams									
Alexander	†36	*15	540	\$0*70	\$378	\$12 50	\$450		\$72
Bond									
Boone	2,923	14	40,922	*70	28,645	8 70	25,430	\$3,215	
Brown	10	*15	150	*70	105	*9 20	92	13	
Bureau	7,879	18	141,822	69	97,857	10 60	83,517	14,340	
Calhoun									
Carroll	3,313	15	49,695	70	34,786	9 45	31,308	3,478	
Cass	153	*15	2,295	*70	1,606	10 45	1,599	7	
Champaign	288	13	3,744	65	2,434	9 15	2,635		201
Christian	63	*15	945	*70	661	10 60	688		7
Clark									
Clay									
Clinton									
Coles	†34	*15	2,010	*70	1,407	9 30	1,246	161	
Cook	†2,681	22	58,982	75	44,236	10 35	27,748	16,488	
Crawford									
Cumberland	59	*15	885	*70	619	6 45	380	239	
DeKalb	5,921	25	148,025	65	96,216	8 60	50,921	45,295	
DeWitt	†183	15	2,745	*70	1,921	9 45	1,729	192	
Douglas	43	*15	645	*70	451	8 80	378	73	
DuPage	2,580	15	38,700	70	27,090	9 75	25,155	1,935	
Edgar	29	*15	435	*70	304	7 80	226	78	
Edwards	11	*15	165	*70	115	*9 00	99	16	
Efingham									
Fayette									
Ford	†64	*15	960	*70	672	6 75	432	240	
Franklin	7	*15	105	*70	73	8 45	59	14	
Fulton	†1,305	10	13,050	*70	9,135	10 10	13,180		4,015
Gallatin	†81	*15	1,215	*70	850	8 55	692	158	
Greene	200	*15	3,000	*70	2,100	11 10	2,220		120
Grundy	391	17	6,647	*70	4,653	11 75	4,594	59	
Hamilton	17	*15	255	*70	178	9 55	162	16	
Hancock	99	*15	1,485	*70	1,039	9 70	960	79	
Hardin									
Henderson	609	15	9,135	*70	6,394	12 25	7,460		1,066
Henry	2,690	15	40,350	67	27,034	9 05	24,344	2,690	
Iroquois	748	13	9,724	*70	6,807	8 80	6,582	225	
Jackson	†190	*15	2,850	*70	1,995	9 45	1,795	200	
Jasper	22	*15	330	*70	231	7 60	167	64	
Jefferson	18	*15	270	*70	189	7 20	130	59	
Jersey									
JoDaviss	1,668	10	16,680	95	15,846	11 40	19,015		3,169
Johnson									
Kane	1,672	12	20,064	90	18,058	12 25	20,482		2,424
Kankakee	964	11	10,604	55	5,832	13 70	13,207		7,375
Kendall	1,972	18	35,496	70	24,847	*10 95	21,594	3,254	
Knox	1,401	17	23,817	70	16,672	10 05	14,080	2,592	
Lake	4,733	23	108,859	70	76,201	*10 40	49,223	26,978	
LaSalle	†6,232	18	112,176	65	72,914	12 55	78,212		5,298
Lawrence	10	*15	150	*70	105	7 70	77	28	
Lee	7,186	16	114,976	67	77,034	8 95	64,315	12,719	

SPRING WHEAT—Continued.

COUNTIES.	Acreage 1889 re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston.....	7,387	12	88,644	\$0*70	\$61,051	\$7 85	\$57,988	\$3,063	\$.....
Logan	387	*15	5,805	*70	4,063	9 85	3,812	251	.....
Macon	70	*15	1,050	*70	735	10 65	745	.....	10
Macoupin	43	*15	645	*70	451	8 35	239	92	.....
Madison.....	93	*15	1,395	*70	976	10 35	962	14	.....
Marion.....	14	*15	210	*70	147	7 40	104	43	.....
Marshall	721	10	7,210	64	4,614	9 60	6,922	.....	2,308
Mason	351	20	7,020	65	4,563	9 55	3,352	1,211	.....
Massac .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
McDonough.....	457	13	5,941	*70	4,159	10 60	4,844	.....	685
McHenry	7,874	16	125,984	*70	88,189	10 50	82,677	5,512	.....
McLean	403	12	4,836	*70	3,385	11 15	4,493	.....	1,108
Menard .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mercer	1,713	16	27,408	*70	19,186	9 40	16,102	3,884	.....
Monroe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montgomery.....	8	*15	120	*70	84	8 85	71	13	.....
Morgan	100	*15	1,500	*70	1,050	10 75	1,075	.....	25
Moultrie .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ogle	5,728	13	74,464	*70	52,125	11 15	63,867	.....	11,742
Peoria.....	154	16	2,464	*70	1,725	10 55	1,625	100	.....
Perry .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Piatt	66	*15	990	*70	693	6 65	637	56	.....
Pike	181	*15	2,715	*70	1,900	10 80	1,955	.....	55
Pope.....	+77	*15	1,155	*70	808	6 65	512	296	.....
Pulaski.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam	1,754	13	22,802	62	14,137	10 30	18,066	.....	3,929
Randolph.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Richland .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rock Island.....	1,126	16	18,016	70	12,611	11 80	13,287	.....	676
Saline .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sangamon	114	*15	1,710	*70	1,197	12 50	1,425	.....	228
Schuyler	+76	15	1,140	*70	798	7 25	551	247	.....
Scott.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shelby	2,575	*15	38,625	*70	27,037	6 75	17,381	9,656	.....
Stark	1,165	13	15,145	70	10,601	12 65	14,737	.....	4,136
St. Clair .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stephenson.....	14,001	13	182,013	73	132,869	11 00	154,011	.....	21,142
Tazewell	606	*15	9,090	*70	6,363	8 30	5,030	1,333	.....
Union .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermilion	188	*15	2,820	*70	1,974	*8 25	1,551	423	.....
Wabash .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren	865	15	12,975	65	8,434	11 45	9,904	.....	1,470
Washington.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wayne.....	83	*15	1,245	*70	871	7 75	643	228	.....
White .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whiteside.....	+5,710	*15	85,650	71	60,811	9 80	55,958	4,853	.....
Will	932	*15	13,980	73	10,205	9 55	8,901	1,304	.....
Williamson.....	20	*15	300	*70	210	8 00	160	50	.....
Winnebago.....	3,329	15	49,935	75	37,451	9 80	32,624	4,827	.....
Woodford.....	908	10	9,080	*70	6,356	9 30	8,444	.....	2,088
Total or average	117,864	16	1,848,985	\$0 70	\$1,289,519	\$10 10	\$1,191,337	\$171,561	\$73,379

*Estimated.

†Estimated same as 1888.

OATS.

COUNTIES.	Acreage 1880 re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams.....	31,249	37	1,156,213	\$0 27	\$312,177	*\$8 15	\$254,679	\$57,498	.....
Alexander.....	*1,540	30	46,200	30	13,860	9 05	13,937	.....	\$77
Bond.....	32,260	28	903,280	18	162,590	8 30	267,758	.....	105,168
Boone.....	28,361	42	1,191,162	*21	250,144	8 70	246,741	3,403	.....
Brown.....	5,843	36	210,348	19	39,966	*8 90	52,003	.....	12,037
Bureau.....	62,203	35	2,177,105	22	478,363	10 85	674,902	.....	195,939
Calhoun.....	*3,201	40	128,040	*20	25,608	13 45	43,053	.....	17,445
Carroll.....	36,796	41	1,508,636	18	271,554	9 00	331,164	.....	59,610
Cass.....	11,226	47	527,622	20	105,524	9 00	101,034	4,490	.....
Champaign.....	101,504	41	4,161,664	20	832,333	9 45	959,213	.....	126,880
Christian.....	30,826	43	1,325,518	17	225,333	10 60	326,756	.....	101,418
Clark.....	23,181	30	695,430	17	118,223	9 25	214,424	.....	96,201
Clay.....	28,710	31	890,010	*19	169,102	6 85	196,663	.....	27,561
Clinton.....	36,652	32	1,172,864	18	211,115	11 50	421,498	.....	210,383
Coles.....	15,877	40	635,080	17	107,964	8 55	135,748	.....	27,784
Cook.....	*62,346	41	2,556,186	21	636,799	9 85	614,108	.....	77,309
Crawford.....	15,793	32	505,376	16	80,860	6 90	108,972	.....	28,112
Cumberland.....	18,829	31	583,699	19	110,903	6 10	114,857	.....	3,954
DeKalb.....	63,990	47	3,007,530	22	661,657	10 05	643,099	18,558	.....
DeWitt.....	142,496	43	1,827,328	*22	402,012	9 30	365,213	6,799	.....
Douglas.....	26,871	40	1,074,840	19	204,220	9 55	256,618	.....	52,398
DuPage.....	37,182	42	1,561,644	22	343,562	9 80	364,384	.....	20,822
Edgar.....	26,917	38	1,022,846	17	173,884	8 35	224,757	.....	50,873
Edwards.....	12,206	28	341,768	17	58,100	*8 00	97,648	.....	39,548
Effingham.....	144,243	30	1,327,290	19	252,185	8 25	365,005	.....	112,820
Fayette.....	146,425	29	1,346,325	*18	242,338	7 15	331,939	.....	89,601
Ford.....	*57,830	40	2,313,200	20	462,640	8 20	474,206	.....	11,566
Franklin.....	14,298	33	471,834	17	80,212	7 25	103,660	.....	23,448
Fulton.....	*39,955	44	1,758,020	23	404,345	10 50	419,527	.....	15,182
Gallatin.....	*2,864	23	65,872	20	13,174	*8 85	25,346	.....	12,172
Greene.....	7,602	40	304,080	21	63,857	10 55	80,201	.....	16,344
Grundy.....	44,207	40	1,768,280	20	353,656	10 40	559,753	.....	106,097
Hamilton.....	17,334	28	485,912	19	92,323	8 45	146,641	.....	54,318
Hancock.....	44,600	39	1,739,400	20	347,880	9 30	414,780	.....	66,900
Hardin.....	4,728	20	94,560	20	18,912	9 00	42,552	.....	23,640
Henderson.....	25,797	17	954,489	*20	190,898	12 15	313,433	.....	122,535
Henry.....	76,416	44	3,362,304	21	706,084	9 20	703,027	3,057	.....
Iroquois.....	121,532	38	4,618,216	20	923,643	8 10	984,409	.....	60,766
Jackson.....	*9,342	37	345,654	18	62,218	8 70	81,275	.....	19,057
Jasper.....	28,032	29	812,928	20	162,586	6 30	176,602	.....	14,016
Jefferson.....	33,166	32	1,061,312	20	212,262	8 15	270,303	.....	58,041
Jersey.....	17,477	33	246,741	20	49,348	7 15	53,460	.....	4,112
JoDavies.....	40,441	45	1,819,845	20	363,969	11 10	448,895	.....	84,926
Johnson.....	4,090	27	110,430	20	22,086	8 35	34,151	.....	12,065
Kane.....	39,421	43	1,695,103	21	355,972	13 75	542,039	.....	186,067
Kankakee.....	64,315	45	2,894,175	21	607,777	9 40	604,561	3,216	.....
Kendall.....	40,597	36	1,461,492	24	350,758	10 15	412,059	.....	61,301
Knox.....	56,521	45	2,543,445	20	508,689	10 00	565,210	.....	56,521
Lake.....	31,885	45	1,434,735	*21	301,294	10 15	323,612	.....	22,318
LaSalle.....	*120,710	44	5,311,240	20	1,062,248	12 35	1,490,768	.....	428,520
Lawrence.....	14,861	31	460,691	19	87,531	8 30	123,346	.....	35,815
Lee.....	59,829	40	2,393,160	19	454,700	8 55	511,538	.....	56,838

OATS—Continued.

COUNTIES.	Acreage 1889 re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston	145,432	41	5,962,712	\$0 20	\$1,192,542	\$8 60	\$1,250,715	.....	\$58,173
Logan	47,235	47	2,220,045	21	466,209	7 25	436,924	\$29,285	.....
Macon	44,201	43	1,900,643	20	380,129	9 65	426,540	.....	46,411
Macoupin	31,680	32	1,013,760	18	182,477	7 75	245,520	.....	63,043
Madison	52,774	32	1,688,768	20	337,754	8 90	469,689	.....	131,935
Marion	29,749	31	922,219	19	175,222	8 20	243,942	.....	68,720
Marshall	43,465	36	1,564,740	20	312,948	10 10	438,996	.....	126,048
Mason	26,722	40	1,068,880	20	213,776	10 05	268,556	.....	64,780
Massac	4,530	27	122,310	25	30,577	7 20	32,616	.....	2,039
McDonough	22,117	36	796,212	*21	167,204	9 70	214,535	.....	47,331
McHenry	40,776	45	1,834,920	*21	385,533	10 50	428,148	.....	42,815
McLean	128,645	40	5,145,800	22	1,132,076	11 10	1,427,959	.....	295,883
Menard	21,730	43	934,390	20	186,878	9 90	215,127	.....	28,249
Mercer	36,253	40	1,450,120	*22	319,026	9 65	349,841	.....	30,815
Monroe	11,841	30	355,230	*20	71,046	9 85	116,634	.....	45,588
Montgomery	43,967	32	1,406,944	16	225,111	7 65	336,347	.....	111,236
Morgan	18,816	39	714,324	19	135,721	11 50	210,634	.....	74,913
Moultrie	2,246	38	769,348	20	153,870	8 40	170,066	.....	16,196
Ogle	85,529	30	3,421,160	18	615,809	10 70	915,160	.....	299,351
Peoria	39,171	39	1,527,669	25	381,917	11 75	460,259	.....	78,342
Perry	9,555	27	257,985	18	46,437	8 05	76,918	.....	30,481
Piatt	22,987	42	965,454	24	231,709	9 80	242,273	6,436	.....
Pike	13,136	35	459,760	*21	96,550	*10 25	134,644	.....	38,094
Pope	*7,577	20	151,540	18	27,277	7 00	53,039	.....	25,762
Pulaski	2,765	26	71,890	35	25,161	6 85	18,940	6,221	.....
Putnam	12,171	46	559,866	21	117,572	9 20	111,973	5,599	.....
Randolph	26,005	34	884,170	20	176,834	7 70	200,238	.....	23,404
Richland	33,991	21	701,211	18	126,218	8 70	290,502	.....	164,284
Rock Island	22,519	42	945,798	23	217,533	8 65	194,789	23,744	.....
Saline	12,187	29	353,423	19	67,150	8 10	98,715	.....	31,565
Sangamon	30,009	37	1,110,333	18	199,860	11 85	355,607	.....	155,747
Schuyler	†11,684	42	490,728	20	98,146	7 05	82,372	15,774	.....
Scott	2,161	52	112,372	19	21,351	10 30	22,258	.....	907
Shelby	31,456	44	1,384,064	17	235,291	4 85	152,552	82,729	.....
Stark	33,684	45	1,515,780	22	333,472	12 70	427,787	.....	94,315
St. Clair	35,550	37	1,315,350	20	263,070	*9 15	325,282	.....	62,212
Stephenson	53,354	40	2,134,160	22	469,515	11 10	592,229	.....	122,714
Tazewell	50,531	39	1,970,709	22	433,556	8 85	447,199	.....	13,643
Union	9,659	29	280,111	*24	67,227	*8 25	79,687	.....	12,460
Vermilion	64,206	37	2,375,622	18	427,612	*8 75	561,802	.....	134,190
Wabash	8,901	29	258,129	16	41,301	8 65	76,994	.....	35,693
Warren	49,796	43	2,137,358	21	448,845	10 85	539,310	.....	90,465
Washington	†53,609	41	2,197,969	20	439,594	7 85	420,831	18,763	.....
Wayne	21,878	25	546,950	19	103,920	6 75	147,676	.....	43,756
White	15,610	33	515,130	18	92,723	7 95	124,099	.....	31,376
Whiteside	†39,822	*41	1,632,702	20	326,540	10 00	398,220	.....	71,680
Will	105,461	40	4,218,440	23	970,241	9 30	980,787	.....	10,546
Williamson	6,147	33	202,851	17	34,485	8 25	50,713	.....	16,228
Winnebago	57,674	40	2,306,960	24	553,670	8 45	487,345	66,325	.....
Woodford	71,567	40	2,862,680	20	572,536	9 45	676,308	.....	103,772
Total or av....	3,663,936	39	142,150,611	\$0 20	\$28,981,064	\$9 45	\$34,573,834	\$350,897	\$5,943,667

*Estimated.

†Estimated same as in 1888.

‡Estimated same as in 1887.

WINTER RYE.

COUNTIES.	Acreage 1889 re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams.....	602	20	12,040	*\$0 42	\$5,057	*\$8 10	\$4,876	\$181	.....
Alexander.....	41	*18	18	*42	7	11 25	11	.....	84
Bond.....	347	15	5,205	*42	2,186	7 60	2,637	.....	451
Boone.....	2,551	18	49,518	*42	20,797	8 05	22,145	.....	1,348
Brown.....	130	17	2,210	40	884	*7 35	955	.....	71
Bureau.....	4,672	17	79,424	55	27,798	10 35	48,355	.....	20,557
Calhoun.....									
Carroll.....	8,376	20	167,520	32	53,606	10 15	85,016	.....	31,410
Cass.....	487	12	5,844	40	2,338	7 15	3,482	.....	1,144
Champaign.....	1,598	21	33,558	40	13,423	9 30	14,861	.....	1,438
Christian.....	507	18	9,126	40	3,650	10 05	5,095	.....	1,445
Clark.....	542	31	16,802	38	6,385	8 85	4,797	1,588	.....
Clay.....	33	15	495	*42	208	7 30	241	.....	33
Clinton.....	219	11	2,409	*42	1,012	12 15	2,661	.....	1,649
Coles.....	238	20	4,760	50	2,380	*7 20	1,714	666	.....
Cook.....	*2,318	26	60,268	42	25,312	10 00	23,180	2,132	.....
Crawford.....	168	20	3,360	40	1,344	7 55	1,268	76	.....
Cumberland.....	326	35	11,410	50	5,705	*7 15	2,331	3,374	.....
DeKalb.....	6,200	23	142,600	31	44,206	9 65	59,830	.....	15,624
DeWitt.....	1803	15	12,045	*42	5,059	9 10	7,307	.....	2,248
Douglas.....	523	18	9,414	42	3,954	8 35	4,367	.....	413
DuPage.....	5,764	25	144,100	36	51,876	10 35	59,657	.....	7,781
Edgar.....	2,682	20	53,640	35	18,774	*8 15	21,858	.....	3,084
Edwards.....	27	20	540	*42	227	*7 45	201	26	.....
Effingham.....	7746	10	7,460	50	3,730	8 25	6,154	.....	2,424
Fayette.....	7779	10	7,790	*42	3,272	*7 75	6,037	.....	2,765
Ford.....	*1,942	18	34,956	40	13,982	6 45	12,526	1,456	.....
Franklin.....	34	12	408	*42	171	*8 25	280	.....	109
Fulton.....	*4,021	13	52,273	35	18,295	8 80	35,385	.....	17,090
Gallatin.....	49	*15	135	*42	57	*9 90	89	.....	32
Greene.....	324	10	3,240	*42	1,361	*9 30	3,013	.....	1,652
Grundy.....	733	15	10,995	*42	4,618	10 35	7,586	.....	2,968
Hamilton.....	25	*15	375	*42	157	9 40	235	.....	78
Hancock.....	887	*18	15,966	*42	6,706	9 45	8,382	.....	1,676
Hardin.....	7	*12	84	*42	35	12 75	89	.....	54
Henderson.....	2,919	*18	52,542	*42	22,068	10 30	30,066	.....	7,998
Henry.....	7,796	20	155,920	34	53,013	9 35	72,893	.....	19,880
Iroquois.....	3,457	14	48,398	*42	20,327	8 10	28,002	.....	7,675
Jackson.....	*143	*20	2,860	*42	1,201	7 45	1,065	136	.....
Jasper.....	112	14	1,568	50	784	6 90	773	11	.....
Jefferson.....	22	20	440	40	176	9 05	199	.....	23
Jersey.....	47	*16	112	*42	47	7 15	50	.....	3
JoDavies.....	4,858	13	63,154	38	23,998	11 00	53,438	.....	29,440
Johnson.....	20	16	320	50	160	7 30	146	14	.....
Kane.....	7,996	22	175,912	40	70,365	13 75	109,945	.....	39,580
Kankakee.....	4,395	17	74,715	39	29,139	12 30	54,058	.....	24,919
Kendall.....	3,990	20	79,800	42	33,516	9 35	37,306	.....	3,790
Knox.....	2,987	23	68,701	42	28,854	9 85	29,422	.....	568
Lake.....	1,560	30	46,800	*42	19,656	*10 25	15,990	3,066	.....
LaSalle.....	*2,712	25	67,800	50	33,900	8 55	23,182	10,712	.....
Lawrence.....	226	20	4,520	50	2,260	*8 05	1,819	441	.....
Lee.....	6,437	20	128,740	36	46,346	8 60	55,358	.....	9,012

WINTER RYE—Continued.

COUNTIES.	Acreage 1889 re- turned by As- sessors.	Yield per acre in bushels	Total yield in bushels.	Price per bushel	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston	1,495	18	26,910	*\$0 42	\$11,902	\$8 55	\$12,782	.....	\$1,480
Logan	96	28	2,688	*42	1,129	5 60	538	\$591	.....
Macon	257	17	4,369	*42	1,835	8 10	2,082	.....	247
Macoupin	223	20	4,440	*42	1,865	*8 65	1,920	.....	55
Madison	165	18	2,970	40	1,188	8 20	1,452	.....	264
Marion	147	19	2,793	40	1,117	6 50	955	162	.....
Marshall	640	22	14,080	69	9,715	9 60	6,144	3,571	.....
Mason	768	20	15,360	48	7,373	8 45	6,490	883	.....
Massac	154	16	1,540	*42	647	7 80	1,201	.....	554
McDonough	264	17	4,488	*42	1,885	10 60	2,798	.....	913
McHenry	4,042	10	80,840	*42	33,953	10 50	42,441	.....	8,488
McLean	980	18	17,640	*42	7,409	10 20	9,996	.....	2,587
Menard	600	*18	10,800	*42	4,536	9 45	5,670	.....	1,134
Mercer	5,002	20	100,040	*42	42,017	9 45	47,269	.....	5,252
Monroe	255	*19	4,845	*42	2,035	*6 35	1,619	416	.....
Montgomery	715	17	12,155	40	4,862	7 80	5,577	.....	715
Morgan	313	16	5,008	40	2,003	*8 50	2,660	.....	657
Moultrie	198	*19	3,762	*42	1,580	7 05	1,396	184	.....
Ogle	10,618	17	180,506	*42	75,812	10 60	112,551	.....	36,739
Peoria	1,109	17	18,853	45	8,484	9 45	10,480	.....	1,996
Perry	27	20	540	50	270	6 80	184	86	.....
Piatt	208	20	4,160	38	1,581	*8 55	1,778	.....	197
Pike	179	13	2,327	*42	977	*9 05	1,620	.....	643
Pope	49	10	90	40	36	*8 75	79	.....	43
Pulaski	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam	393	21	8,253	35	2,888	8 75	3,439	.....	551
Randolph	386	25	9,650	*42	4,053	6 35	2,451	1,602	.....
Rienland	273	16	4,368	45	1,966	8 55	2,334	.....	368
Rock Island	4,616	14	64,624	40	25,850	8 85	40,852	.....	15,002
Saline	35	15	525	65	341	7 60	266	75	.....
Sangamon	537	12	6,444	34	2,191	10 15	5,450	.....	3,259
Schuyler	*457	16	13,712	45	6,170	6 80	5,828	342	.....
Scott	168	25	4,200	*42	1,764	*8 90	1,495	269	.....
Shelby	881	17	14,977	40	5,991	4 60	4,053	1,938	.....
Stark	1,171	16	18,736	35	6,558	12 10	14,169	.....	7,611
St. Clair	324	*14	4,536	*42	1,905	*8 35	2,705	.....	800
Stephenson	20,545	15	308,175	36	110,943	11 10	228,049	.....	117,106
Tazewell	329	15	4,935	*42	2,073	8 85	2,912	.....	839
Union	160	18	3,042	*42	1,278	*8 60	1,453	.....	175
Vermilion	1,914	15	28,710	*42	12,058	*8 20	15,695	.....	3,637
Wabash	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren	1,101	18	19,818	39	7,729	11 25	12,386	.....	4,657
Washington	1,668	14	9,352	45	4,208	8 10	5,411	.....	1,203
Wayne	38	15	570	*42	239	6 35	241	.....	2
White	202	*17	3,434	*42	1,442	*8 15	1,646	.....	204
Whiteside	*22,718	*18	408,924	35	143,123	9 70	220,365	.....	77,242
Will	6,861	22	150,942	40	60,377	9 40	64,493	.....	4,116
Williamson	74	25	1,850	*42	777	8 35	618	159	.....
Winnebago	13,028	19	247,532	40	99,013	9 45	123,115	.....	24,102
Woodford	664	*19	12,616	*42	5,299	9 35	6,208	.....	909
Total or average..	204,873	18	3,803,419	\$0 38	\$1,466,229	\$9 85	\$2,015,655	\$34,757	\$584,183

*Estimated.

*Estimated same as in 1883.

*Estimated same as in 1887.

BARLEY.

COUNTIES.	Average 1889 re- turned by As- sessors	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams.....									
Alexander.....									
Bond.....	5	*29	145	*\$0 44	\$64	*\$9 40	\$47	\$17	
Boone.....	4,212	30	126,360	40	50,544	8 85	37,276	13,268	
Brown.....									
Bureau.....	1,492	26	38,792	40	15,517	10 66	15,815		\$298
Calhoun.....									
Carroll.....	988	*29	28,652	30	8,596	9 10	8,991		395
Cass.....									
Champaign.....	31	*29	899	*44	395	8 80	273	122	
Christian.....									
Clark.....	38	*29	1,102	*44	485	*9 40	357	128	
Clay.....									
Clinton.....	7	*29	203	*44	89	*9 40	66	23	
Coles.....									
Cook.....	1341	27	9,207	67	6,169	10 55	3,597	2,572	
Crawford.....									
Cumberland.....	5	*29	145	*44	64	*9 40	47	17	
DeKalb.....	1,288	35	45,080	*44	19,835	7 40	9,511	10,304	
DeWitt.....	16	*29	174	*44	76	*9 40	56	20	
Douglas.....	12	38	456	35	160	*9 40	113	47	
DuPage.....	453	*29	13,137	*44	5,780	10 60	4,802	978	
Edgar.....	4	*29	116	*44	51	*9 40	38	13	
Edwards.....	10	*29	290	*44	128	*9 40	94	34	
Efingham.....									
Fayette.....	*2	*29	58	*44	25	*9 40	19	6	
Ford.....	*57	*29	1,653	*44	727	*9 40	536	191	
Franklin.....									
Fulton.....	*87	*29	2,523	*44	1,110	*9 40	818	292	
Gallatin.....									
Greene.....									
Grundy.....									
Hamilton.....									
Hancock.....	46	20	920	50	460	*9 40	432	28	
Hardin.....									
Henderson.....									
Henry.....	3,465	27	93,555	35	32,744	9 45	32,744		
Iroquois.....	80	*29	2,320	*44	1,021	*9 40	752	269	
Jackson.....	*18	*29	522	*44	230	*9 40	169	61	
Jasper.....									
Jefferson.....									
Jersey.....	*6	*29	174	*44	76	*9 40	56	20	
JoDaviss.....	876	19	16,644	40	6,658	11 10	9,724		3,066
Johnson.....									
Kane.....	362	27	9,774	64	6,255	13 75	4,977	1,278	
Kankakee.....	10	*29	290	*44	118	*9 40	94	24	
Kendall.....	67	*29	1,943	*44	855	*9 40	630	225	
Knox.....									
Lake.....	1,499	35	52,465	50	26,232	*9 40	14,091	12,141	
LaSalle.....	*237	*29	6,873	*44	3,024	8 25	1,955	1,069	
Lawrence.....	2	*29	58	*44	25	*9 40	19	6	
Lee.....	135	25	3,375	*44	1,485	8 05	1,087	398	

BARLEY—Continued.

COUNTIES.	Acreage 1889 re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston.....	26	*29	734	*44	\$332	*9.40	\$244	\$88	.....
Logan.....	62	*29	1,798	*44	791	*9.40	583	208	.....
Macon.....									.....
Macoupin.....	13	*29	377	*44	166	*9.40	122	44	.....
Madison.....	144	35	5,040	35	1,764	*9.40	1,354	410	.....
Marion.....									.....
Marshall.....	190	37	7,030	*44	3,093	9.05	1,719	1,374	.....
Mason.....									.....
Massac.....									.....
McDonough.....									.....
McHenry.....	5,879	40	235,160	*44	103,470	10.50	61,729	41,741	.....
McLean.....	12	*29	348	*44	153	11.05	133	20	.....
Menard.....	100	*29	2,900	*44	1,276	*9.40	940	336	.....
Mercer.....									.....
Monroe.....	192	*29	5,568	*44	2,450	*9.40	1,805	645	.....
Montgomery.....									.....
Morgan.....	126	*29	3,654	*44	1,608	*9.40	1,184	424	.....
Moultrie.....									.....
Ogle.....	4,921	18	88,578	*44	38,974	10.90	53,639		\$14,665
Peoria.....	45	*29	1,305	*44	574	*9.40	423	151	.....
Perry.....									.....
Piatt.....									.....
Pike.....	2	*29	58	*44	25	*9.40	19	6	.....
Pope.....	*1	*29	29	*44	13	9.40	9	4	.....
Pulaski.....									.....
Putnam.....									.....
Randolph.....	37	29	1,073	*44	472	6.75	250	222	.....
Richland.....									.....
Rock Island.....	535	25	13,375	50	6,687	9.75	5,216	1,471	.....
Saline.....									.....
Sangamon.....	45	*29	1,305	*44	574	9.10	409	165	.....
Schuyler.....	*2	*29	58	*44	25	5.30	11	14	.....
Scott.....									.....
Shelby.....	4	*29	116	*44	51	*9.40	38	13	.....
Stark.....	241	20	4,820	*44	2,121	12.10	2,916		795
St. Clair.....	782	*29	22,678	*44	9,978	*9.40	7,351	2,627	.....
Stephenson.....	7,977	32	255,264	*44	112,316	11.60	92,533	19,783	.....
Tazewell.....	267	30	8,010	45	3,604	8.25	2,203	1,401	.....
Union.....									.....
Vermilion.....	47	*29	1,363	*44	600	*9.40	442	158	.....
Wabash.....									.....
Warren.....									.....
Washington.....	*67	*29	1,943	*44	855	*9.40	630	225	.....
Wayne.....	3	*29	87	*44	38	*9.40	28	10	.....
White.....									.....
Whiteside.....	*264	*29	7,656	*44	3,369	8.75	2,310	1,059	.....
Will.....	60	30	1,800	35	630	9.10	546	84	.....
Williamson.....									.....
Winnebago.....	2,203	35	77,105	35	26,987	8.75	19,276	7,711	.....
Woodford.....									.....
Total or average.....	40,088	30	1,207,157	\$0.42	\$511,994	\$10.15	\$407,268	\$123,945	\$19,219

*Estimated.

†Estimated same as in 1888.

HAY.

COUNTIES.	Acreage 1889 re- turned by As- sessors.	Yield per acre in tons.	Total yield in tons	Price per ton.	Value of crop.	Cost of produc- tion per ton.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams.....	34,839	1 1/4	43,549	\$ 7.60	\$304,843	*\$6.55	\$228,195	\$ 76,648	.....
Alexander.....	+1,672	2	3,344	9 00	30,096	8.15	13,627	16,469	.....
Bond.....	19,739	1 1/4	24,674	5 50	135,707	5.75	11,499	22,208	.....
Boone.....	24,622	1 1/4	30,777	6 65	204,667	9.00	221,598	.....	16,931
Brown.....	12,837	2	25,674	4 60	118,100	*7.35	94,352	23,748	.....
Bureau.....	67,306	1 1/4	117,785	4 60	541,811	8.55	575,466	.....	33,655
Calhoun.....	+3,239	2 1/2	8,097	7 50	60,727	8 50	27,531	33,196	.....
Carroll.....	39,676	2	79,352	4 50	357,084	8.45	335,262	21,822	.....
Cass.....	5,175	1 1/4	5,469	8 00	51,752	8.60	44,505	7,247	.....
Champaign.....	45,600	1	45,600	5 85	266,760	6 85	312,360	.....	45,600
Christian.....	53,349	1 1/2	80,023	5 50	440,126	7.25	386,780	53,346	.....
Clark.....	27,626	1	27,626	5 50	151,943	7 05	194,763	.....	42,820
Clay.....	22,030	1 1/4	27,537	5 00	137,685	4.90	107,947	29,738	.....
Clinton.....	23,197	1 1/2	34,795	7 00	243,565	8.15	189,055	54,510	.....
Coles.....	19,403	1 1/4	24,254	5 20	126,121	6.15	119,328	6,793	.....
Cook.....	+98,363	1 1/4	122,954	7 00	860,678	6.25	614,769	245,909	.....
Crawford.....	16,902	1 1/2	25,353	4 90	124,230	6 25	105,637	18,593	.....
Cumberland.....	18,713	1	18,713	5 00	93,565	3.70	69,238	24,327	.....
DeKalb.....	68,367	1 1/4	91,156	5 85	533,263	7.25	495,661	37,602	.....
DeWitt.....	+14,762	1 1/2	22,143	5.35	118,465	6 75	99,643	18,822	.....
Douglas.....	24,330	1 1/4	40,550	4 50	182,475	7 00	170,310	12,165	.....
DuPage.....	38,094	1 1/4	66,664	6 35	423,816	7 50	285,705	137,611	.....
Edgar.....	36,536	1 1/4	63,938	4 50	287,721	6.70	244,791	42,930	.....
Edwards.....	13,753	1 1/2	20,629	5.35	110,365	*6 05	83,206	27,159	.....
Effingham.....	+25,198	2	16,799	5.65	94,914	4.35	109,611	.....	14,697
Fayette.....	+31,494	1	31,494	4 50	141,728	6 95	218,883	.....	77,160
Ford.....	+38,137	1 1/4	50,849	5.65	287,297	5.40	205,940	81,357	.....
Franklin.....	8,713	1 1/4	10,891	6.75	73,514	5 65	49,228	24,286	.....
Fulton.....	+34,651	1 1/2	57,752	3 65	210,795	6.60	228,697	.....	17,902
Gallatin.....	+4,802	1 1/2	7,203	8 00	57,624	12.00	57,624	.....	.....
Greene.....	19,461	1 1/4	34,057	6 00	204,342	9 75	189,745	14,597	.....
Grundy.....	39,913	2 1/4	89,804	5 00	449,020	6 55	261,430	187,590	.....
Hamilton.....	13,408	1 1/2	20,112	5.65	113,633	7 45	99,890	13,743	.....
Hancock.....	63,224	1 1/4	94,836	5.35	507,373	5.95	376,183	131,190	.....
Hardin.....	1,055	1 1/4	7,096	7 00	49,672	10.10	40,955	8,717	.....
Henderson.....	17,390	2	34,780	4.25	147,815	6 70	116,513	31,302	.....
Henry.....	68,315	2	136,630	3 60	491,868	5.95	406,474	85,394	.....
Iroquois.....	86,152	1 1/4	107,691	6 10	656,915	4.55	391,996	264,919	.....
Jackson.....	49,961	3	29,883	10.00	298,830	9.55	95,127	203,703	.....
Jasper.....	17,919	1 1/4	26,878	5 40	145,141	4 10	73,468	71,673	.....
Jefferson.....	23,709	1	23,709	6 90	142,254	5 45	129,214	13,040	.....
Jersey.....	19,316	1 1/2	15,525	6.65	103,241	6 75	62,876	40,365	.....
JoDavies.....	45,966	1 1/4	80,440	4 50	361,980	7 40	340,148	21,832	.....
Johnson.....	5,221	1 1/4	6,526	10.00	65,260	6 20	32,370	32,890	.....
Kane.....	51,403	1 1/4	89,955	5 65	508,246	8 25	424,075	84,171	.....
Kankakee.....	76,265	1 1/2	101,687	6 60	671,134	*6.00	457,590	213,544	.....
Kendall.....	28,820	1 1/4	38,427	6 00	230,562	9 40	270,908	.....	40,346
Knox.....	56,179	2 1/4	131,084	3 50	458,794	8 50	477,521	.....	18,727
Lake.....	54,285	1 1/4	90,475	5 65	511,184	*5.10	276,853	234,331	.....
LaSalle.....	+89,915	1 1/4	119,887	6 00	719,322	7 55	678,858	40,464	.....
Lawrence.....	16,445	1 1/4	28,779	6 60	189,941	5 60	92,662	97,849	.....
Lee.....	73,610	2	147,220	5 00	736,100	7 00	515,270	220,830	.....

HAY—Continued.

COUNTIES.	Acreage 1889 re- turned by As- sessors.	Yield per acre in tons.	Total yield in tons.	Price per ton.	Value of crop.	Cost of produc- tion per ton.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston.....	84,020.	1 $\frac{3}{4}$	140,033	\$ 5.50	\$770,181	\$ 6.25	\$525,125	\$245,056	.....
Logan.....	20,431	1 $\frac{3}{4}$	34,051	5.35	182,173	5.05	103,176	78,997	.....
Macon.....	19,213	1 $\frac{1}{2}$	28,819	5.50	158,504	9.95	191,169	.....	\$32,665
Macoupin.....	39,193	1 $\frac{3}{4}$	52,257	4.60	240,382	7.00	274,351	.....	53,969
Madison.....	30,298	1 $\frac{3}{4}$	53,021	5.75	304,871	7.65	231,780	73,091	.....
Marion.....	28,777	1 $\frac{1}{4}$	35,971	5.65	203,236	6.20	178,417	24,819	.....
Marshall.....	22,780	1 $\frac{1}{2}$	34,170	6.00	205,020	8.25	187,935	17,085	.....
Mason.....	8,712	1 $\frac{1}{2}$	13,068	5.25	68,607	8.35	72,745	.....	4,138
Massac.....	10,648	1	10,648	10.00	106,480	6.45	68,680	37,800	.....
McDonough.....	16,862	2	33,724	4.25	143,327	10.25	172,835	.....	29,508
McHenry.....	85,775	1 $\frac{1}{2}$	98,662	5.50	542,641	4.50	295,987	246,654	.....
McLean.....	68,656	1 $\frac{3}{4}$	114,426	4.50	514,917	7.45	511,487	3,430	.....
Menard.....	16,940	1 $\frac{1}{2}$	25,410	4.50	114,345	7.95	134,673	.....	20,328
Mercer.....	42,864	2	85,728	5.60	308,621	6.70	287,189	21,432	.....
Monroe.....	13,769	*1 $\frac{3}{4}$	22,948	10.00	229,480	8.70	119,790	109,690	.....
Montgomery.....	42,437	1 $\frac{3}{4}$	56,583	5.35	302,719	6.00	254,622	48,097	.....
Morgan.....	18,017	1 $\frac{1}{2}$	27,025	6.25	168,906	7.00	126,119	42,787	.....
Moultrie.....	10,302	1 $\frac{3}{4}$	13,736	4.50	61,811	5.35	55,116	6,696	.....
Ogle.....	61,856	1 $\frac{3}{4}$	92,784	4.00	371,136	8.45	522,633	.....	151,547
Peoria.....	30,959	1 $\frac{3}{4}$	51,598	6.00	309,588	9.80	303,398	6,190	.....
Perry.....	5,487	1	5,487	6.75	37,037	7.15	38,683	.....	1,646
Piatt.....	8,912	1 $\frac{3}{4}$	11,883	8.00	95,064	6.25	58,700	39,364	.....
Pike.....	29,758	1 $\frac{1}{4}$	37,197	5.50	204,583	7.80	231,112	.....	27,529
Pope.....	47,884	1 $\frac{1}{2}$	11,826	8.50	100,521	5.50	43,362	57,159	.....
Pulaski.....	4,431	1 $\frac{1}{2}$	6,646	10.25	68,121	7.25	32,125	35,996	.....
Putnam.....	8,908	1 $\frac{3}{4}$	11,877	4.50	53,446	8.25	73,491	.....	20,045
Randolph.....	19,084	1 $\frac{1}{2}$	28,626	8.00	229,008	5.10	97,328	131,680	.....
Richland.....	20,915	1	20,915	5.50	115,032	5.50	115,032	.....	.....
Rock Island.....	35,492	1 $\frac{1}{4}$	62,111	4.50	279,499	7.95	282,161	.....	2,662
Saline.....	12,799	1 $\frac{3}{4}$	22,398	7.15	160,146	8.20	104,952	55,194	.....
Sangamon.....	29,551	1 $\frac{3}{4}$	39,405	5.50	216,727	10.90	322,139	.....	105,412
Schuyler.....	+15,565	2	31,130	4.35	135,415	7.20	112,068	23,347	.....
Scott.....	3,204	1 $\frac{3}{4}$	5,340	6.50	34,710	7.75	24,831	9,879	.....
Shelby.....	48,933	1 $\frac{1}{2}$	73,399	4.95	363,325	4.10	200,625	162,700	.....
Stark.....	17,450	2	34,900	5.35	186,715	10.70	186,715	.....	.....
St. Clair.....	35,207	1 $\frac{3}{4}$	58,678	9.00	528,102	*7.05	248,209	279,893	.....
Stephenson.....	39,704	1 $\frac{3}{4}$	66,173	5.00	330,865	8.05	319,617	11,248	.....
Tazewell.....	30,466	2	60,932	5.00	304,660	6.85	208,692	95,968	.....
Union.....	14,319	1 $\frac{3}{4}$	25,058	9.85	246,821	*7.45	106,676	140,145	.....
Vermilion.....	44,801	1	44,801	5.00	224,005	*6.25	280,006	.....	56,001
Wabash.....	11,034	1 $\frac{1}{2}$	16,551	7.50	124,132	6.80	75,031	49,101	.....
Warren.....	35,970	2	71,940	4.35	312,939	8.25	296,752	16,187	.....
Washington.....	+10,155	1 $\frac{3}{4}$	17,771	8.50	151,653	5.75	58,391	92,662	.....
Wayne.....	53,439	1 $\frac{3}{4}$	44,585	5.25	234,071	4.75	158,733	75,336	.....
White.....	21,580	1 $\frac{1}{4}$	35,967	7.00	251,769	7.20	155,376	96,393	.....
Whiteside.....	+60,521	2 $\frac{1}{4}$	136,172	4.75	646,817	6.60	399,439	247,378	.....
Will.....	96,147	1	96,147	7.55	766,680	6.60	634,570	72,110	.....
Williamson.....	5,706	1 $\frac{3}{4}$	7,608	7.80	59,342	6.20	35,377	23,965	.....
Winnebago.....	39,199	1 $\frac{3}{4}$	68,598	5.00	342,990	5.55	217,554	125,436	.....
Woodford.....	33,091	1 $\frac{1}{2}$	49,636	4.75	235,771	8.10	268,037	.....	32,266
Total or average	3,176,281	1 $\frac{1}{2}$	4,910,544	\$5.45	\$26,819,871	\$ 6.85	\$21,813,830	\$ 5,831,595	\$825,554

*Estimated.

†Estimated same as in 1888.

‡Estimated same as in 1887.

CORN.

COUNTIES.	ACREAGE.				CONDITION AUGUST 1.									
	Returned by Assessors, 1888.	Returned by Assessors, 1889.	Increase, 1889.	Decrease, 1889.	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880
Adams.....	79,225	76,677		2,548	95	100	87	65	90	95	74	59	110	85
Alexander.....	10,447	*10,447			85	110	84	70	100	93	90	95	52	91
Bond.....	39,275	46,602	7,327		84	119	36	81	97	94	81	92	33	87
Boone.....	33,804	25,967		1,130	84	84	76	65	85	96	77	61	78	108
Brown.....	28,334	32,674			92	103	78	67	80	95	82	62	110	75
Bureau.....	148,505	152,379	3,874		90	103	38	67	92	87	83	53	58	105
Calhoun.....	12,834	*12,834			82	95	77	55	94	105	82	59	91	100
Carroll.....	64,281	67,175	2,894		96	98	97	58	96	102	78	50	74	100
Cass.....	46,920	43,062		3,858	100	117	67	60	98	100	73	85	108	87
Champaign.....	226,312	231,750	5,438		79	108	47	95	120	100	96	60	80	93
Christian.....	110,511	113,488	2,977		113	103	57	80	84	101	85	35	90	98
Clark.....	39,291	46,005	6,714		93	105	24	85	81	85	105	58	57	86
Clay.....	33,818	36,626	2,808		95	105	53	82	97	70	82	90	30	62
Clinton.....	54,000	46,512		7,488	94	85	20	30	80	67	96	72	22	78
Coles.....	65,106	49,558		15,548	87	93	29	101	101	80	108	52	86	106
Cook.....	48,231	*48,231			83	92	70	57	96	92	67	62	80	101
Crawford.....	31,663	35,009	3,346		101	101	44	85	85	76	105	68	42	93
Cumberland.....	25,864	29,270	3,406		101	122	30	95	69	68	96	42	56	98
DeKalb.....	102,412	106,481	4,069		87	107	77	79	100	107	77	57	78	114
DeWitt.....	77,312	*77,312			81	102	56	97	90	101	90	59	96	88
Douglas.....	83,849	79,542		4,307	90	102	60	95	100	70	80	56	86	100
DuPage.....	30,884	32,433	1,549		81	94	70	80	100	92	70	75	87	105
Edgar.....	98,260	87,502		10,758	92	101	43	100	97	90	95	61	75	106
Edwards.....	17,437	18,222	785		96	100	367	85	119	77	110	80	50	92
Effingham.....	44,327	*44,327			87	105	26	97	117	71	85	87	35	96
Fayette.....	55,473	*55,473			95	110	33	59	97	75	91	56	12	62
Ford.....	111,817	*111,817			76	100	40	90	102	90	100	59	77	86
Franklin.....	20,040	24,719	4,679		120	100	53	64	98	85	93	32	45	78
Fulton.....	101,877	*101,877			94	108	73	50	89	99	85	53	111	100
Gallatin.....	20,482	*20,482			75	105	87	85	84	81	102	93	44	45
Greene.....	61,133	58,006		3,127	90	112	70	88	100	99	95	63	105	109
Grundy.....	85,004	82,618		2,386	67	107	44	62	94	98	54	62	77	86
Hamilton.....	32,035	30,992		1,043	107	103	61	66	107	65	90	66	20	83
Hancock.....	86,736	94,339	7,603		99	104	88	61	101	107	80	23	99	101
Hardin.....	12,254	11,245		1,009	102	110	100	63	65	67	90	70	75	76
Henderson.....	57,207	54,655		2,552	100	100	50	50	73	10	75	48	80	105
Henry.....	140,328	149,779	9,451		93	103	61	53	78	81	79	59	73	95
Iroquois.....	219,540	228,605	9,065		55	103	82	99	105	104	85	52	100	80
Jackson.....	19,845	*19,845			100	95	100	25	76	110	87	100	24	82
Jasper.....	40,608	39,158		1,450	102	110	32	87	100	75	75	72	25	91
Jefferson.....	44,308	45,097	789		107	93	45	37	100	53	98	76	15	88
Jersey.....	26,618	*26,618			83	110	70	53	91	93	105	68	99	98
JoDaviss.....	53,290	57,396	4,166		85	93	75	52	100	92	91	73	77	101
Johnson.....	14,048	8,197		5,851	103	87	72	54	100	83	96	90	37	90
Kane.....	54,445	61,573	7,128		90	97	65	66	97	97	81	82	85	108
Kankakee.....	93,481	90,935		2,546	74	107	62	88	99	100	72	35	100	67
Kendall.....	59,242	58,505		737	85	100	50	72	85	84	71	55	69	89
Knox.....	104,120	109,662	5,542		97	106	69	73	88	112	88	46	93	91
Lake.....	25,517	25,670	153		85	99	47	54	88	91	78	65	85	101
LaSalle.....	213,211	*213,211			100	96	48	59	91	90	69	52	47	93
Lawrence.....	37,573	43,690	6,117		92	103	65	93	99	85	106	65	50	86
Lee.....	110,357	118,009	7,652		87	104	92	68	92	100	78	72	85	108

CORN—Continued.*

COUNTIES.	ACREAGE.				CONDITION AUGUST 1.									
	Returned by Assessors, 1888.	Returned by Assessors, 1889	Increase, 1889.	Decrease, 1889.	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880
Livingston....	229,212	233,188	3,976	.....	80	85	52	75	87	93	75	57	95	62
Logan.....	129,948	136,719	6,771	.....	95	108	61	79	104	91	85	60	94	82
Macon.....	101,536	100,721	.....	6,815	94	105	49	71	97	97	94	52	100	105
Macoupin....	102,763	92,416	.....	10,347	76	97	56	67	95	80	87	60	105	109
Madison.....	91,414	85,448	.....	5,966	105	113	58	55	90	77	105	67	72	91
Marion.....	33,615	36,909	3,294	.....	90	95	37	77	72	87	93	66	60	87
Marshall....	72,995	71,065	.....	1,330	84	95	63	58	87	99	81	57	77	93
Mason.....	81,167	82,851	1,684	.....	85	100	44	68	80	97	82	62	54	76
Massac.....	15,951	17,817	1,866	.....	105	75	45	67	106	82	110	80	37	90
McDonough...	53,854	39,552	.....	14,302	97	110	75	50	72	80	90	42	105	76
McHenry.....	63,747	62,487	.....	1,260	93	100	40	68	96	104	92	75	82	115
McLean.....	217,981	226,064	8,083	.....	85	106	47	77	88	95	84	52	99	80
Menard.....	74,850	76,940	2,090	.....	84	112	77	75	100	91	89	57	108	95
Mercer.....	78,298	82,028	3,730	.....	100	108	80	56	90	100	87	68	80	98
Monroe.....	18,746	17,916	.....	824	125	198	169	65	101	90	96	95	60	88
Montgomery..	103,640	99,478	.....	4,162	73	112	57	71	101	82	105	61	69	103
Morgan.....	97,374	95,295	.....	2,079	93	109	70	70	91	90	92	46	112	111
Moultrie....	50,151	53,137	2,986	.....	76	97	53	93	103	95	100	45	103	98
Ogle.....	120,418	122,677	2,259	.....	83	90	80	80	100	96	80	69	82	104
Peoria.....	70,289	68,434	.....	1,855	89	112	67	57	70	98	84	51	77	100
Perry.....	5,334	7,142	1,808	.....	111	92	66	28	90	84	94	64	13	58
Piatt.....	94,175	66,402	.....	27,773	70	105	37	100	98	102	84	52	100	93
Pike.....	66,135	71,369	5,234	.....	88	108	90	69	79	105	80	90	103	89
Pope.....	118,892	118,892	.....	.....	107	95	72	70	105	72	102	95	25	60
Pulaski.....	14,319	15,234	915	.....	71	100	02	55	97	105	95	110	53	96
Putnam.....	25,043	25,717	674	.....	90	95	47	54	88	100	80	98	68	100
Randolph....	28,246	26,668	.....	1,578	101	87	83	42	113	86	97	87	18	91
Richland....	29,801	32,646	2,845	.....	105	112	50	90	92	56	94	89	36	93
Rock Island..	73,560	51,743	.....	21,817	94	101	87	46	85	95	84	53	68	99
Saline.....	34,531	33,880	.....	651	100	115	70	75	82	82	100	62	55	95
Sangamon....	136,520	133,110	.....	3,410	95	104	62	79	111	100	95	55	111	102
Schuyler....	42,142	42,142	.....	.....	97	105	93	62	87	93	89	38	105	88
Scott.....	15,677	15,678	1	.....	94	113	72	65	85	108	78	65	107	77
Shelby.....	85,885	73,498	.....	12,387	94	114	31	110	92	85	99	57	84	100
Stark.....	54,911	59,846	4,935	.....	95	105	81	82	99	101	92	70	76	96
St. Clair....	60,588	57,719	.....	2,869	102	110	80	70	105	75	89	87	57	95
Stephenson..	72,829	70,090	.....	2,739	81	98	72	64	100	100	92	64	96	101
Tazewell....	109,586	99,468	.....	10,118	79	105	59	56	95	105	79	48	97	95
Union.....	18,390	20,278	1,888	.....	103	100	88	92	100	102	100	94	65	95
Vermilion...	144,680	141,472	.....	3,208	75	113	45	105	93	93	108	55	86	117
Wabash.....	20,996	21,176	180	.....	96	97	85	93	99	70	91	7	48	73
Warren.....	92,585	96,863	4,278	.....	100	105	65	72	89	105	88	50	78	96
Washington..	37,393	37,393	.....	.....	106	101	44	28	96	71	98	105	7	50
Wayne.....	43,340	35,695	.....	7,645	101	90	70	79	89	65	95	76	81	63
White.....	45,834	51,278	5,444	.....	104	96	71	58	99	71	95	71	52	69
Whiteside...	101,668	101,668	.....	.....	77	95	80	42	102	75	75	62	67	102
Will.....	117,001	113,833	.....	3,168	82	101	46	44	95	99	83	64	87	103
Williamson...	22,223	11,665	.....	8,558	115	103	65	43	100	81	87	75	26	63
Winnebago...	71,243	69,971	.....	1,272	85	94	75	57	107	105	91	59	93	96
Woodford....	99,512	101,719	2,207	.....	100	99	63	77	99	105	115	60	98	77
Total or av..	7,047,813	6,997,655	174,680	224,838	92	102	62	70	94	90	88	65	70	90

*Estimated.

†Estimated same as in 1887.

*Estimated same as in 1888.

PASTURES.

COUNTIES	ACREAGE.				CONDITION AUGUST 1.									
	Returned by Assessors, 1878	Returned by Assessors, 1889.	Increase, 1889.	Decrease, 1889.	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880
Adams.....	68,327	67,657	.....	670	100	80	55	62	90	97	96	94	100	78
Alexander.....	96	+96	.....	.....	105	102	70	82	90	100	112	90	75	88
Bond.....	30,825	35,421	4,596	.....	106	97	30	76	112	107	100	101	69	98
Boone.....	51,487	54,114	2,627	.....	97	92	14	62	98	107	100	105	100	103
Brown.....	19,707	25,590	5,873	.....	100	97	53	57	80	100	97	95	110	70
Bureau.....	122,929	120,965	.....	1,964	105	98	17	56	95	105	105	75	82	100
Calhoun.....	11,886	+11,886	.....	.....	90	85	50	40	90	110	90	87	100	90
Carroll.....	67,586	72,051	4,465	.....	103	112	30	31	99	107	106	100	104	87
Cass.....	24,459	20,841	.....	3,618	108	109	31	52	90	107	106	115	108	80
Champaign.....	111,845	114,506	2,661	.....	105	94	15	85	100	110	103	96	67	92
Christian.....	73,403	74,871	1,468	.....	107	97	47	72	88	100	106	108	60	100
Clark.....	39,828	53,206	13,378	.....	98	85	20	74	74	101	99	94	36	100
Clay.....	35,838	25,258	.....	10,580	109	91	55	67	95	93	100	92	36	71
Clinton.....	29,394	26,653	.....	2,741	107	100	*60	55	82	102	108	107	62	72
Coles.....	28,406	30,377	1,971	.....	109	87	9	84	98	110	106	101	69	95
Cook.....	85,875	+85,875	.....	.....	110	92	12	40	77	83	104	92	101	100
Crawford.....	28,630	30,989	2,359	.....	102	90	32	92	85	90	106	109	55	109
Cumberland.....	21,865	18,921	.....	2,944	133	127	24	87	88	93	100	100	83	101
DeKalb.....	115,49	116,019	522	.....	98	107	55	66	100	102	102	101	105	103
DeWitt.....	57,612	757,612	.....	.....	109	102	54	95	85	114	106	92	95	87
Douglas.....	57,584	54,361	.....	3,223	108	100	28	100	93	100	100	98	77	85
DuPage.....	54,511	52,937	.....	1,574	104	65	30	80	90	78	108	.....	90	110
Edgar.....	92,554	86,730	.....	5,824	97	91	20	85	95	95	100	84	50	103
Edwards.....	15,801	15,239	.....	562	105	92	*60	75	82	90	100	92	90	96
Effingham.....	28,579	+28,579	.....	.....	122	96	26	83	112	79	100	100	68	92
Fayette.....	44,698	44,698	.....	.....	100	95	23	52	92	83	106	91	62	72
Ford.....	57,753	757,753	.....	.....	107	100	27	80	102	115	102	105	66	92
Franklin.....	20,547	10,457	.....	10,090	106	100	43	56	80	100	106	115	50	90
Fulton.....	80,883	+80,883	.....	.....	101	105	39	40	75	100	100	99	95	90
Gallatin.....	3,871	+3,871	.....	.....	102	70	47	77	75	91	88	86	55	82
Greene.....	79,814	80,094	280	.....	105	103	67	85	95	102	103	85	100	106
Grundy.....	69,933	58,660	.....	11,273	105	83	22	37	86	102	105	90	100	92
Hamilton.....	15,117	13,166	.....	1,951	100	102	47	61	90	92	99	96	26	82
Hancock.....	80,075	75,767	.....	4,308	109	106	51	56	82	97	103	100	98	94
Hardin.....	4,729	5,020	291	.....	106	100	100	60	55	80	100	90	65	91
Henderson.....	80,548	85,116	4,568	.....	107	102	28	37	90	100	106	96	86	97
Henry.....	130,740	130,000	.....	740	103	104	8	41	72	102	103	106	82	92
Iroquois.....	173,497	137,720	.....	35,777	101	95	32	89	90	104	103	100	105	100
Jackson.....	11,228	+11,228	.....	.....	100	77	80	25	80	100	100	75	27	90
Jasper.....	26,553	19,214	.....	7,339	102	103	40	62	100	90	100	100	32	92
Jefferson.....	45,185	35,145	.....	10,040	105	89	67	42	92	83	100	100	38	100
Jersey.....	19,249	+19,249	.....	.....	88	100	39	32	100	107	90	72	80	75
JoDavies.....	93,676	92,971	.....	705	105	92	15	53	95	105	106	106	101	91
Johnson.....	4,707	4,172	.....	535	117	90	52	67	80	97	100	92	37	80
Kane.....	95,873	111,528	15,655	.....	102	90	7	52	97	91	108	105	103	105
Kankakee.....	5,163	42,072	.....	3,091	104	103	35	64	86	104	107	83	95	102
Kendall.....	48,890	49,072	182	.....	105	85	13	56	75	92	97	85	75	100
Knox.....	144,333	143,509	.....	824	109	126	22	62	79	105	110	112	98	88
Lake.....	86,273	87,890	1,617	.....	116	97	25	51	95	86	106	101	109	104
LaSalle.....	131,185	+131,185	.....	.....	109	100	17	50	91	99	101	105	74	97
Lawrence.....	26,702	21,414	.....	5,288	106	78	62	93	78	87	100	100	37	96
Lee.....	124,685	121,434	.....	3,251	107	105	26	31	104	106	100	106	106	106

PASTURES—Continued.

COUNTIES.	ACREAGE				CONDITION AUGUST 1									
	Returned by Assessors, 1886.	Returned by Assessors, 1889.	Increase, 1889.	Decrease, 1889.	1883	1888	1887	1886	1885	1884	1883	1882	1881	1880
Livingston...	106,333	116,812	10,479	.....	94	87	17	43	92	105	108	97	75	87
Logan.....	63,653	56,877	.....	6,776	94	100	22	71	100	107	103	97	100	73
Macon.....	53,599	54,379	780	.....	102	97	30	77	98	105	100	94	82	88
Macoupin.....	85,627	89,241	3,614	.....	98	96	47	70	87	102	105	101	101	114
Madison.....	41,116	33,655	.....	5,461	100	103	72	50	87	89	107	94	79	88
Marion.....	43,869	38,903	.....	4,957	100	73	70	68	87	80	95	89	30	95
Marshall.....	53,177	55,088	1,911	.....	80	80	27	53	93	110	105	92	97	93
Mason.....	24,851	25,447	3,596	.....	101	94	35	30	80	103	98	92	70	92
Massac.....	4,926	3,576	.....	1,350	100	50	35	69	99	105	96	80	52	88
McDonough...	42,748	32,804	.....	9,944	108	100	33	25	75	100	105	105	100	63
McHenry.....	126,179	139,550	13,371	.....	104	83	15	45	95	99	100	100	100	110
McLean.....	146,442	151,386	4,944	.....	106	107	12	61	91	105	104	96	91	80
Menard.....	39,650	38,282	.....	1,368	104	87	35	75	100	102	100	102	95	78
Mercer.....	104,823	103,053	.....	1,770	106	125	25	45	84	97	100	101	93	80
Monroe.....	5,936	7,008	1,072	.....	150	*90	*46	72	101	102	103	110	65	80
Montgomery...	95,087	76,673	.....	18,414	97	110	36	66	95	104	104	93	69	83
Morgan.....	110,562	118,707	8,145	.....	102	107	47	70	97	103	116	109	87	107
Moultrie.....	28,939	25,335	.....	3,604	100	92	30	83	96	103	95	95	68	87
Ogle.....	108,792	107,079	.....	1,713	100	90	16	50	100	107	106	103	105	100
Peoria.....	52,086	43,935	.....	8,151	107	102	25	30	67	93	112	103	93	90
Perry.....	3,666	5,385	1,719	.....	106	104	50	40	90	97	99	94	86	85
Piatt.....	39,783	27,585	.....	12,198	90	90	25	92	100	105	105	97	90	101
Pike.....	59,640	60,446	806	.....	98	102	69	64	99	108	100	116	93	93
Pope.....	49,887	49,887	.....	.....	115	110	65	70	100	100	100	102	17	72
Pulaski.....	5,062	5,042	.....	20	105	82	52	61	103	115	108	120	62	93
Putnam.....	27,292	30,227	2,935	.....	113	100	15	53	93	105	106	109	87	100
Randolph.....	21,600	20,545	.....	1,055	105	90	65	40	102	100	105	107	50	103
Richland.....	35,116	33,049	.....	2,067	107	100	40	82	81	80	103	102	36	95
Rock Island..	63,865	68,535	4,670	.....	100	106	51	22	84	101	98	102	85	94
Saline.....	11,791	11,082	.....	709	110	90	85	75	85	100	100	95	48	100
Sangamon.....	108,809	101,407	.....	7,402	104	102	62	76	97	102	110	102	106	107
Schuyler.....	48,999	48,999	.....	.....	107	102	40	50	80	107	102	92	92	90
Scott.....	9,278	7,841	.....	1,437	99	95	37	40	78	102	87	100	91	96
Shelby.....	66,465	57,428	.....	9,037	102	102	21	86	87	99	106	100	76	89
Stark.....	43,798	44,369	571	.....	102	100	53	73	86	102	108	100	95	97
St. Clair.....	23,545	23,626	81	.....	105	90	75	50	98	97	104	100	25	77
Stephenson...	65,961	71,725	5,764	.....	99	98	38	32	100	105	97	96	105	95
Tazewell.....	52,812	57,501	4,689	.....	106	103	30	46	93	102	104	100	82	107
Union.....	78,289	6,677	.....	1,612	102	100	63	85	83	102	87	90	56	95
Vermilion.....	115,820	111,125	.....	4,695	102	102	22	105	107	118	130	100	91	100
Wabash.....	15,696	11,195	.....	4,501	101	76	65	50	82	79	92	99	40	95
Warren.....	98,882	106,511	7,629	.....	108	104	37	54	90	105	105	105	94	83
Washington..	25,044	725,044	.....	.....	106	97	47	27	85	88	105	106	30	50
Wayne.....	45,913	35,190	.....	10,723	100	95	80	81	80	102	107	107	30	93
White.....	18,304	18,543	239	.....	110	81	56	67	70	77	95	88	30	85
Whiteside.....	108,695	1108,695	.....	.....	100	100	33	57	100	*109	105	92	75	95
Will.....	128,875	129,416	540	.....	100	93	*20	32	67	98	105	89	97	95
Williamson...	9,098	5,340	.....	3,758	107	100	57	41	85	98	101	97	27	76
Winnebago...	71,617	73,256	1,639	.....	102	99	22	45	105	104	95	100	103	101
Woodford.....	44,535	48,550	4,015	.....	109	99	10	45	100	105	115	96	104	81
Total or av...	5,796,935	5,691,043	145,742	251,634	104	96	39	60	90	109	102	98	75	91

*Estimated.

†Estimated same as in 1887.

‡Estimated same as in 1888.

FARM CROPS.

COUNTIES.	CORN.	BROOM CORN.	SORGH'M	COTTON.	HEMP.	TOBACCO	CASTOR BEANS.	PASTURE	IRISH POTAT'S	SWEET POTAT'S	BUCK-WHEAT
	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Acreage compared with 1888. Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Acreage compared with 1888. Condition August 1, 1889.
Adams	95							100	100	87	
Alexander	85	100	85			90		105	75	85	100
Bond	84	75	82				60	106	115	97	100
Boone	84							97	94	100	105
Brown	92		100			110		100	97	92	100
Bureau	90		100					105	104	100	50
Calhoun	82		95			80		90	95	70	100
Carroll	96		85					100	102	95	90
Cass	100		100					108	107	100	
Champaign	79	100	105		110	85		105	101	103	120
Christian	113	105	90					107	99	85	100
Clark	93	92	97				95	98	107	103	90
Clay	95		100			110		109	112	100	87
Clinton	94	90	89			92	87	107	93	88	100
Coles	87	69	79		100	110	70	109	88	87	90
Cook	83		100			100		110	103	100	100
Crawford	101	95	102			101	100	102	110	102	69
Cumberland	101	94	107			90	75	133	115	92	96
DeKalb	87							98	111		100
DeWitt	81	92	88			100		109	109	107	
Douglas	90	72	95			100		108	103	100	
DuPage	81							104	107		95
Edgar	92	90	100					97	100	100	100
Edwards	96		92			100		105	93	90	85
Effingham	87		87					122	93	90	100
Fayette	95	100	80					100	103	83	100
Ford	76							107	106	100	
Franklin	129	100	99			80	78	106	112	88	100
Fulton	94		100			100		101	103	93	50
Gallatin	75		79			60		102	101	90	105
Greene	90	100	100			105		105	101	100	80
Grundy	67		75			100		105	87	87	100
Hamilton	107		97			87	80	100	78	100	105
Hancock	99		95					109	99	100	100
Hardin	102		88			100		106	95	102	
Henderson	100		95					107	132	97	100
Henry	93	97	100					103	102	100	95
Iroquois	55		75					101	169	82	100
Jackson	100		95					100	100	97	130
Jasper	102	88	91			90	100	102	116	100	99
Jefferson	107		100			100	100	105	107	100	100
Jersey	83		77					88	97	90	
JoDavies	85					95		105	105		100
Johnson	103	90	100			85	100	117	92	100	100
Kane	90	85						102	105	100	90
Kankakee	74		85					104	96	100	90
Kendall	85					105		105	105		100
Knox	97	92	97			109		109	107	102	100
Lake	85	80	82			107		116	107		90
LaSalle	100		100					109	108	83	100
Lawrence	92	95	88			90		106	103	95	83
Lee	87		90					107	108	100	95

FARM CROPS—Continued.

COUNTIES.	CORN.	BROOM CORN.	SORGH'M	COTTON.	HEMP.	TOBACCO	CASTOR BEANS.	PASTURE	IRISH POTAT'S	SWEET POTAT'S	BUCK- WHEAT.	
	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Acreage compared with 1888.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Acreage compared with 1888.	Condition August 1, 1889.
Livingston	80	80	77				90	94	106	85	50	67
Logan	95		98					94	105	93		
Macon	94		92					103	106	100	100	100
Macoupin	76		83					98	84	83	87	90
Madison	105							100	97			
Marion	94	82	83			87	87	100	107	102	93	77
Marshall	84	85	85			95	90	80	101	90	90	80
Mason	85	95	95				100	101	105	100	100	100
Massac	105		52					100	100	80		
McDonough	97		77					108	108	100	87	100
McHenry	93		100					104	108	100	99	100
McLean	8							106	102	97		
Menard	84		100					104	104	100		
Mercer	100	95	95					106	100	100	70	100
Monroe	125		125					150	100	100		
Montgomery	73		76			100		97	87	87		
Morgan	93	75	80					102	98	97	80	90
Moultrie	76	70						100	95	100		
Ogle	83	100	80					100	103	90		
Peoria	89							107	112	70		
Perry	111	105	100			100	90	106	102	99	100	100
Piatt	70	87	95			100		90	105	102	95	100
Pike	88							98	110	100		
Pope	107	100	98			100		115	80	100	100	100
Pulaski	71	75	89			94	100	105	84	76		
Putnam	90		87					113	106	97		
Randolph	101	97	99			105	100	105	107	95	105	100
Richland	105	100	101					107	100	90	62	97
Rock Island	94		75					100	95	100	100	95
Saline	100		100			77		110	106	102		
Sangamon	95		100			100		104	96	100		
Schuyler	97	70	88					107	107	100		
Scott	94	100	100					99	104	100	90	100
Shelby	94	99	95			93	100	102	108	94	84	94
Stark	95	100	95					102	105	100	100	100
St. Clair	102							105	105	100	100	75
Stephenson	81		95			103		99	104	100	100	100
Tazewell	79		78					106	110	100	90	100
Union	103	100	100					102	100	85	100	100
Vermilion	75		90					102	105	100		
Wabash	96	99	92			100		101	105	89	50	95
Warren	100	100	98					108	107	101		
Washington	106		103			100	84	106	111	102		
Wayne	101	100	91			100	87	100	99	91	97	99
White	104	105	97			90		110	103	87	125	100
Whiteside	77		50					100	105	100		
Will	82	90	88		200	100	95	100	107		89	95
Williamson	115	110	102	100			83	107	104	102	100	100
Winnebago	85	100	97					102	106	100	100	60
Woodford	100							100	107	100		

FARM AND FRUIT CROPS.
Condition and Yield.

COUNTIES.	Acreage compared with 1888.	TURNIPS AND OTHER ROOT CROPS.	FIELD PEAS.	FIELD BEANS.	APPLES.	PEACHES.	PEARS.	PLUMS.	GRAPES.	BLACK-BERRIES.	QUINCES.	CLOVER.	
		Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Yield compared to an average.	Condition August 1, 1889.	Yield per acre in tons.	Quality compared to an average.
Adams.....	100	100	.....	.....	42	.....	60	65	60	100	.....	1¾	75
Alexander.....	100	100	100	100	95	95	100	100	95	107	100	2½	100
Bond.....	87	100	.....	85	74	79	83	67	91	134	75	1¾	82
Boone.....	95	100	.....	100	82	.....	.....	.....	88	108	.....	1¾	95
Brown.....	100	102	.....	110	41	62	83	87	69	108	100	2	102
Bureau.....	100	100	.....	.....	68	.....	90	80	86	108	.....	2½	91
Calhoun.....	70	80	50	60	45	80	70	10	75	105	30	4	100
Carroll.....	100	100	100	100	147	.....	.....	100	102	131	.....	2	90
Cass.....	.....	.....	.....	.....	45	87	100	70	92	110	.....	1¾	100
Champaign.....	100	100	.....	100	51	67	62	.....	66	76	.....	2	100
Christian.....	100	105	.....	100	68	78	67	80	79	87	100	1¾	91
Clark.....	95	100	50	80	98	115	88	100	102	103	100	1¾	92
Clay.....	100	100	50	60	90	89	100	83	80	110	100	1	90
Clinton.....	97	102	.....	95	79	79	97	83	93	108	77	2	93
Coles.....	100	88	80	79	71	69	81	80	68	81	70	2¼	69
Cook.....	100	110	100	100	70	.....	100	.....	65	100	100	1¾	92
Crawford.....	100	100	100	97	96	91	92	74	94	109	100	2	95
Cumberland.....	94	92	80	90	99	100	92	90	92	92	100	2¼	100
DeKalb.....	.....	.....	.....	.....	90	100	.....	100	97	102	.....	1¾	90
DeWitt.....	100	103	.....	.....	70	107	85	95	95	111	100	2½	80
Douglas.....	100	100	.....	87	77	100	.....	.....	95	110	.....	2½	83
DuPage.....	100	100	100	100	96	.....	100	105	82	100	.....	2¼	81
Edgar.....	90	100	.....	.....	77	67	80	90	87	93	.....	2	77
Edwards.....	100	100	105	97	90	85	82	94	93	108	87	1½	93
Effingham.....	90	100	.....	93	100	85	100	63	62	102	100	1	93
Fayette.....	87	95	100	100	75	80	100	72	62	107	80	1½	80
Ford.....	100	110	.....	.....	89	50	.....	.....	96	97	.....	2	81
Franklin.....	.....	.....	95	95	103	105	100	107	96	117	.....	2¼	104
Fulton.....	100	100	.....	.....	73	102	100	97	93	108	.....	2½	96
Gallatin.....	.....	.....	.....	50	89	92	84	114	107	115	97	2	87
Greene.....	95	100	100	100	69	100	82	56	59	100	.....	2¼	100
Grundy.....	90	95	100	100	85	100	.....	100	97	110	.....	2	110
Hamilton.....	70	100	100	102	102	95	100	95	85	128	100	2½	102
Hancock.....	100	102	.....	.....	41	76	72	62	70	111	100	2	91
Hardin.....	.....	.....	.....	102	88	90	100	90	95	110	75	1¾	87
Henderson.....	100	100	.....	.....	82	114	100	96	96	117	.....	2¼	102
Henry.....	100	103	90	125	97	130	100	108	100	121	.....	2½	92
Iroquois.....	103	100	.....	100	92	105	75	100	87	98	.....	1½	86
Jackson.....	100	100	.....	.....	85	65	87	87	100	100	100	4	100
Jasper.....	95	100	100	99	109	103	86	96	102	110	98	2	107
Jefferson.....	100	100	100	50	102	110	100	50	100	125	100	1½	100
Jersey.....	100	80	.....	75	88	92	83	25	62	103	50	2½	93
JoDavies.....	100	102	.....	.....	100	.....	.....	100	83	123	.....	2	70
Johnson.....	87	100	75	75	95	90	98	95	75	128	100	1¾	62
Kane.....	103	105	100	100	87	75	80	100	98	103	.....	2	92
Kankakee.....	100	100	.....	100	102	100	.....	.....	78	97	.....	2	89
Kendall.....	100	100	.....	100	100	100	.....	.....	100	125	.....	2	100
Knox.....	95	102	.....	87	82	126	92	86	90	134	80	2¾	94
Lake.....	103	100	110	102	104	.....	98	.....	102	103	.....	2¾	103
LaSalle.....	105	100	.....	100	96	103	95	100	98	107	.....	1½	96
Lawrence.....	83	103	.....	100	97	101	100	95	98	116	94	1¾	84
Lee.....	99	100	100	100	95	100	100	67	93	108	.....	2¾	102

FARM AND FRUIT CROPS—Continued.
Condition and Yield.

COUNTIES.	CROPS.											CLOVER.	
	Acreage compared with 1888.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Condition August 1, 1889.	Yield compared to an average.	Condition August 1, 1889.	Yield per acre in tons.	Quality compared to an average.
Livingston...	85	97	95	95	96	75	85	91	92	.....	2	97	97
Logan.....	100	100	.....	.....	67	99	100	85	102	.....	2	77	77
Macon.....	100	100	.....	.....	48	120	80	93	101	.....	2	82	82
Macoupin...	100	100	.....	100	77	97	88	70	82	100	2	96	96
Madison.....	.....	.....	.....	.....	100	100	60	70	95	.....	2 1/4	87	87
Marion.....	100	83	80	90	83	83	80	60	60	142	75	95	95
Marshall...	78	87	95	97	91	98	96	75	99	95	78	87	87
Mason.....	100	100	95	100	74	110	97	98	100	102	100	84	84
Massac.....	.....	.....	72	.....	67	87	65	80	85	112	60	62	62
McDonough..	100	100	.....	.....	33	200	75	100	100	133	.....	108	108
McHenry.....	100	100	99	100	111	.....	100	99	103	112	.....	97	97
McLean.....	100	100	.....	100	74	80	60	50	86	106	1 3/4	91	91
Menard.....	100	105	.....	100	43	110	101	79	95	100	.....	98	98
Mercer.....	100	100	.....	.....	91	110	90	95	99	115	.....	98	98
Monroe.....	.....	.....	.....	.....	50	90	.....	.....	.....	.....	.....	.....	.....
Montgomery..	100	107	.....	100	72	73	63	85	87	102	100	92	92
Morgan.....	100	100	.....	.....	59	78	72	32	55	96	75	92	92
Moultrie.....	.....	.....	.....	.....	67	67	72	70	83	102	.....	90	90
Ogle.....	100	100	100	100	105	.....	100	75	100	105	100	95	95
Peoria.....	100	98	.....	75	75	100	100	58	94	107	.....	81	81
Perry.....	97	93	103	100	102	94	95	100	97	112	97	89	89
Piatt.....	100	100	.....	.....	58	83	70	75	92	103	50	78	78
Pike.....	.....	.....	.....	.....	45	130	95	90	97	105	.....	90	90
Pope.....	110	100	100	100	87	85	88	102	103	130	83	85	85
Pulaski.....	100	97	100	97	80	70	97	91	104	116	87	82	82
Putnam.....	.....	.....	.....	.....	84	115	110	104	104	107	2	92	92
Randolph...	100	100	.....	.....	92	95	101	91	81	114	100	95	95
Richland.....	.....	.....	.....	100	95	96	77	85	95	120	82	102	102
Rock Island..	100	100	100	100	81	100	.....	80	89	111	2 3/4	89	89
Saline.....	100	100	95	97	100	101	100	101	94	107	98	89	89
Sangamon.....	105	105	.....	.....	47	110	90	65	92	109	.....	85	85
Schuyler.....	100	95	.....	100	55	93	100	73	95	118	100	88	88
Scott.....	100	100	.....	100	60	72	67	75	79	99	2	102	102
Shelby.....	96	98	110	100	79	78	83	45	66	101	75	96	96
Stark.....	100	110	.....	100	99	100	110	102	91	112	.....	89	89
St. Clair.....	100	100	.....	90	77	80	93	77	87	103	87	75	75
Stephenson...	106	100	100	100	100	.....	.....	67	99	106	1 3/4	89	89
Tazewell.....	80	100	.....	100	85	101	83	98	91	110	.....	82	82
Union.....	95	100	100	.....	85	77	97	93	97	103	2 3/4	90	90
Vermilion...	.....	.....	.....	100	70	32	17	50	67	87	1 3/4	87	87
Wabash.....	95	80	.....	100	94	109	77	94	104	122	95	76	76
Warren.....	100	100	.....	100	95	117	100	105	101	116	2	101	101
Washington..	100	102	92	100	102	91	98	92	80	104	100	87	87
Wayne.....	93	100	100	95	99	98	98	84	82	129	95	95	95
White.....	100	100	90	100	81	110	100	87	77	126	72	66	66
Whiteside...	100	95	.....	75	87	.....	.....	100	95	112	2 1/4	100	100
Will.....	100	99	95	98	103	90	87	72	92	100	.....	92	92
Williamson...	.....	.....	100	95	95	94	95	96	89	114	97	94	94
Winnebago...	97	97	100	.....	99	.....	60	92	102	116	.....	89	89
Woodford...	90	100	.....	87	86	67	62	77	87	96	1 3/4	99	99

FLAX SEED.

COUNTIES.	Acreage 1889 re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel	Value of crop.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Boone	33	*6	198	*\$1 10	\$218	\$9 30	\$307	.....	\$89
Brown	1	*6	6	*1 10	7	*8 40	8	.....	1
Champaign	136	*6	816	*1 10	898	8 65	1,176	.....	278
Clay	32	*6	192	*1 10	211	6 00	192	\$19	.....
Coles	1	*6	6	*1 10	7	*8 40	8	.....	1
Cook	†239	*6	1,434	*1 10	1,577	6 90	1,649	.....	72
DeKalb	190	*6	1,140	*1 10	1,254	6 90	1,311	.....	57
DuPage	195	*6	1,170	*1 10	1,287	*8 40	1,638	.....	351
Edwards	1	*6	6	*1 10	7	*8 40	8	.....	1
Ford	†1,626	6	9,756	1 10	10,732	7 95	12,927	.....	2,195
Grundy	10	*6	60	*1 10	66	*8 40	84	.....	18
Iroquois	1,174	*6	7,044	*1 10	7,748	7 90	9,275	.....	1,527
Kane	1	*6	6	*1 10	7	*8 40	8	.....	1
Kankakee	93	*6	558	*1 10	614	*8 40	781	.....	167
Kendall	5	*6	30	*1 10	33	*8 40	42	.....	9
Lake	320	*6	1,920	*1 10	2,112	*8 40	2,688	.....	576
Livingston	312	*6	1,872	*1 10	2,039	7 50	2,340	.....	281
Macon	18	*6	108	*1 10	119	*8 40	151	.....	32
Marion	130	*6	780	*1 10	858	*8 40	1,092	.....	234
McHenry	3	*6	18	*1 10	20	11 00	33	.....	13
Ogle	45	*6	270	*1 10	297	11 50	517	.....	220
Randolph	16	*6	96	*1 10	106	*8 40	134	.....	28
Saline	1	*6	6	*1 10	7	*8 40	8	.....	1
Vermilion	105	*6	630	*1 10	693	*8 40	882	.....	189
Washington	†31	*6	186	*1 10	205	*8 40	260	.....	55
Will	1,520	*6	9,120	*1 10	10,032	9 00	13,680	.....	3,648
Total or average	6,238	6	37,428	\$1 10	\$41,174	\$8 20	\$51,199	\$19	\$10,044

*Estimated.

†Estimated same as in 1888.

CONDITION OF CORN AUGUST 1, 1889.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.										COUNTIES.										COUNTIES.									
Av. cond'n June 20, 1889	Av. condition August 1.									Av. cond'n June 20, 1889	Av. condition August 1.									Av. cond'n June 20, 1889	Av. condition August 1.								
	1889	1888	1887	1886	1885	1884	1883	1889	1888		1887	1886	1885	1884	1883	1889	1888	1887	1886		1885	1884	1883						
Boone.....	81	84	84	76	65	85	96	77	Adams.....	70	95	100	85	90	85	90	Alexander.....	90	85	110	84	70	100	93	90				
Bureau.....	74	90	103	98	87	92	87	82	Brown.....	82	92	103	92	103	84	93	Bond.....	77	84	119	36	81	97	94	84				
Carroll.....	86	96	98	87	57	96	102	78	Calhoun.....	78	82	91	77	55	94	105	Clay.....	93	95	105	53	82	97	70	82				
Cook.....	80	83	92	70	57	96	102	97	Cass.....	100	117	67	60	117	53	97	Clinton.....	80	94	105	20	30	80	67	90				
DeKalb.....	82	87	107	79	100	107	77	97	Champaign.....	74	113	108	47	95	120	100	Crawford.....	84	101	101	44	85	85	76	105				
DuPage.....	90	81	94	70	100	92	77	74	Christian.....	74	113	108	47	95	120	100	Edwards.....	93	96	109	69	87	110	77	110				
Grundy.....	*87	67	107	44	62	93	98	90	Clark.....	90	93	105	24	85	81	85	Edingham.....	93	87	105	26	97	117	71	82				
Henderson.....	85	100	100	60	50	73	100	80	Coles.....	80	87	93	29	101	101	80	Fayette.....	92	95	110	33	59	97	75	91				
Henry.....	87	93	103	61	53	78	81	79	Cumberland.....	95	101	122	30	95	69	68	Franklin.....	107	121	100	53	64	98	84	93				
Iroquois.....	57	55	103	82	99	105	104	85	DeWitt.....	78	81	102	56	97	90	101	Gallatin.....	87	75	103	87	84	98	83	102				
JoDavies.....	97	90	97	63	75	92	92	78	Douglas.....	72	92	101	43	100	97	90	Hamilton.....	*92	102	110	100	66	107	65	90				
Kane.....	89	74	107	62	88	99	100	72	Edgar.....	72	90	100	40	90	102	91	Hardin.....	90	100	95	100	25	75	110	87				
Kankakee.....	78	85	100	50	72	84	84	71	Ford.....	83	76	100	40	90	102	91	Jackson.....	90	100	95	100	25	75	110	87				
Kendall.....	83	97	106	69	73	88	112	78	Fulton.....	77	90	112	70	88	100	99	Jasper.....	87	102	110	32	77	100	75	100				
Knox.....	93	97	106	69	73	88	112	78	Greene.....	86	99	104	88	61	101	107	Jefferson.....	102	107	93	45	37	100	53	98				
Lake.....	85	85	99	47	54	88	91	86	Hancock.....	77	83	110	70	58	92	93	Johnson.....	93	103	87	72	64	100	83	96				
LaSalle.....	92	100	96	48	59	91	90	69	Jersey.....	77	83	110	70	58	92	93	Lawrence.....	93	92	103	65	37	100	83	96				
Lee.....	87	87	104	92	68	92	100	78	Logan.....	79	94	105	49	71	97	97	Madison.....	92	105	113	58	55	90	77	105				
Livingston.....	83	80	85	52	75	87	93	75	Macon.....	72	76	97	56	67	95	80	Marion.....	98	90	95	37	77	72	87	93				
Marshall.....	92	84	95	63	58	87	99	81	Macoupin.....	62	76	97	56	67	95	80	Massac.....	88	105	75	45	67	106	82	110				
McHenry.....	73	93	100	40	68	96	104	92	Mason.....	79	85	100	45	68	80	97	Monroe.....	85	125	*98	*69	65	101	90	96				
Mercer.....	73	100	108	80	56	90	100	87	McDonough.....	75	97	110	75	50	72	80	Perry.....	100	111	92	66	28	90	84	84				
Ogle.....	87	83	90	89	80	100	96	80	McLean.....	87	85	106	47	77	88	95	Pope.....	100	100	111	92	66	28	90	84				
Peoria.....	90	89	112	67	57	70	98	80	Menard.....	76	73	112	71	75	100	91	Pulaski.....	75	71	100	62	55	97	105	95				
Putnam.....	98	90	95	47	54	88	100	76	Montgomery.....	70	76	97	53	70	91	90	Randolph.....	96	101	87	83	42	113	86	97				
Rock Island.....	95	94	101	87	46	85	95	84	Morgan.....	70	76	97	53	70	91	90	Richland.....	91	105	112	80	90	92	86	94				
Stark.....	92	85	105	81	82	99	101	92	Moultrie.....	84	70	105	37	100	102	94	Saline.....	90	102	110	70	75	82	82	100				
Stephenson.....	85	81	98	72	64	100	100	84	Pike.....	84	88	108	90	69	79	105	St. Clair.....	85	102	110	80	70	105	75	89				
Warren.....	96	100	105	65	72	89	105	88	Pleasant.....	90	95	104	62	79	112	100	Union.....	100	103	100	88	92	100	102	100				
Whiteside.....	82	77	95	40	42	102	75	75	Sangamon.....	90	95	104	62	79	112	100	Wabash.....	80	96	97	85	93	99	70	91				
Will.....	94	82	94	46	44	95	99	93	Schuyler.....	90	97	105	93	62	87	93	Washington.....	101	106	101	44	28	96	72	98				
Winnebago.....	74	85	94	75	57	107	105	91	Scott.....	86	94	113	72	65	85	108	Wayne.....	97	101	90	70	79	58	65	93				
Woodford.....	92	100	99	63	77	99	105	91	Shelby.....	87	79	105	59	56	95	105	White.....	83	104	96	71	58	99	71	93				
Average.....	86	87	99	66	65	92	97	81	Tazewell.....	78	75	113	45	105	93	93	Williamson.....	105	115	103	65	43	100	81	87				
									Vermilion.....	88	106		59	77	93	93	Average.....	91	103	100	62	66	95	79	94				

*Estimated.

ILLINOIS STATE FAIR—PEORIA, SEPTEMBER 29—OCTOBER 3, 1890.
AMERICAN FAT AND LIVE STOCK SHOWS—CHICAGO, NOVEMBER 13-22, 1890.
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 13-22, 1890.
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 13-22, 1890.

STATSTICAL REPORT

— OF THE —

— ILLINOIS —

State Board of Agriculture,

— FOR —

DECEMBER 1, 1889.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

MADE TO THE

ILLINOIS STATE BOARD OF AGRICULTURE.

W. C. GARRARD, Secretary,

SPRINGFIELD.

CIRCULAR 147.

SPRINGFIELD, ILL.:
ILLINOIS STATE JOURNAL COMPANY.
1889.

Illinois State Board of Agriculture.

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ILLINOIS CROP REPORT,

—FOR—

DECEMBER 1, 1889.

Synopsis of the Reports of Correspondents upon yield of principal crops, etc.

ILLINOIS STATE BOARD OF AGRICULTURE, }
SPRINGFIELD, December 1, 1889. }

The information contained in this report as to acreage of crops and number of head of live stock was obtained from the reports of assessors made to this Department as required by law.

The data in regard to yield per acre, price of crops and value of live stock was obtained from crop correspondents, who number nearly six hundred, and represent every section of the State.

These correspondents are, as a rule, reputable farmers of extended experience, who are deeply interested in the accuracy of the reports made by the Department.

A large number of the correspondents have been reporting to this Department for the last thirteen years, and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters.

The year 1889 has been an unusually productive one, and farm crops of every variety have yielded largely. Not only has the yield been good, but the quality has also been above an average, and the farmers of the State have reason to congratulate themselves upon the present condition of agricultural affairs.

There is some complaint of disease among farm stock, but as a rule it is healthy, and with plenty of corn, and late pasturage, it is probable that it will come through the winter in good condition.

CORN.

The area in corn this season was one per cent. smaller than in 1888, being 6,988,267 acres. While the average yield per acre of 35 bushels was somewhat smaller than last year, it was still considerably above the average for a term of years, and the total yield, 247,980,589 bushels has been exceeded but a few times in the last thirty years.

QUALITY.

The quality of the corn this year is excellent, and is much larger than usual. The only complaint made in regard to quality is that much of it is too large to dry out well, and some will be lost on that account.

VALUE OF CROP.

Owing to the amount of old corn on hand, which was the largest quantity ever held over, the price received for this year's crop was but 23 cents per bushel. But twice in thirty years has corn been so low. The total value of the 1889 corn crop was \$58,337,049.

A table published elsewhere in this report gives by counties the area, yield and value of the corn crop for the current year.

The area, yield and value of the corn crop of the State for the past thirty years, is given in the following table:

YEAR.	Number of acres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel—cents.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	3,839,159	30	115,174,770	42 ¹ / ₂	\$48,944,277	\$12 71	\$10 50	\$40,311,169	\$8,633,108	
1861.....	3,839,159	30	115,174,770	24	27,641,944	7 00	10 50	40,311,169		\$12,669,225
1862.....	3,458,903	40	138,356,120	23	32,821,911	9 49	10 50	36,818,481		3,496,570
1863.....	3,773,349	22	83,013,681	62	51,479,442	13 64	10 50	39,620,164	11,859,278	
1864.....	4,192,610	33	138,356,130	75	103,767,101	24 75	10 50	44,022,405	59,744,696	
1865.....	5,032,996	35 2	177,095,852	29 ¹ / ₂	51,800,536	10 31	10 50	52,751,958		951,422
1866.....	4,931,789	31 6	155,844,350	43	67,031,070	13 53	10 50	51,783,721	15,229,349	
1867.....	4,583,655	23 8	109,091,000	68	74,281,880	16 20	10 50	48,128,377	26,153,503	
1868.....	3,928,742	34 2	134,363,000	43	57,786,090	14 70	10 50	41,251,791	16,524,299	
1869.....	5,237,068	23 2	121,500,000	57	69,255,000	13 22	10 50	54,989,214	14,265,786	
1870.....	5,720,965	35 2	202,378,000	35	70,482,300	12 32	10 50	60,070,132	10,412,168	
1871.....	5,310,469	38 3	206,391,000	32	65,085,020	12 25	10 50	55,759,921	9,325,109	
1872.....	5,468,040	39 8	217,628,000	24	52,230,720	9 53	10 50	57,474,420		5,183,700
1873.....	6,849,714	21	143,684,000	32	45,962,880	6 72	10 50	71,816,997		25,854,117
1874.....	7,421,055	18	133,579,000	56	74,804,240	10 08	10 50	77,921,077		3,116,837
1875.....	8,163,265	34 3	280,000,000	34	95,200,000	11 66	10 50	85,714,282	9,485,718	
1876.....	8,920,000	25	223,000,000	31	69,130,000	7 75	10 50	93,660,000		24,530,000
1877.....	8,935,411	30	269,889,742	28	77,562,879	8 68	10 50	93,821,815		16,258,936
1878.....	8,672,088	29	250,590,810	22	56,035,842	6 46	10 50	91,056,924		35,021,082
1879.....	7,918,881	38	305,913,377	32	97,483,052	12 18	10 50	88,148,250	14,334,802	
1880.....	7,574,545	33	250,697,036	33	83,757,009	11 56	10 50	79,411,857	4,345,152	
1881.....	7,157,334	24	174,491,706	53	93,328,977	12 72	10 52	75,303,074	18,025,903	
1882.....	7,371,950	24	179,471,729	42	76,528,755	10 08	10 55	77,802,326		1,273,571
1883.....	7,304,596	25	186,583,558	36	68,067,698	9 00	10 50	76,689,138		8,621,440
1884.....	6,898,819	33	207,556,662	29	60,300,153	8 74	10 45	72,080,712		11,780,559
1885.....	7,212,657	32	230,922,298	28	64,850,545	8 99	10 50	75,682,246		10,831,701
1886.....	7,153,289	25	182,755,053	30	54,772,027	7 66	10 45	74,642,284		19,870,257
1887.....	7,019,126	19	129,537,603	41	53,718,691	7 99	10 45	70,250,210		16,531,519
1888.....	6,047,813	39	277,726,457	28	79,245,114	11 24	9 75	68,874,820	10,370,294	
1889.....	6,988,267	35	247,980,589	23	58,337,049	8 35	9 75	68,272,872		9,935,823

The largest area in corn this year was 233,188 acres, in Livingston county. The largest average yield per acre was in Madison county, 53 bushels, while the greatest total yield was in McLean county, 10,398,944 bushels.

BROOM CORN

The area devoted to broom corn this year, 29,398 acres, is but 70 per cent. of the area of 1888. Over three-fourths of this area was in the counties of Coles and Douglas, by far the largest broom corn raising counties in the State. In the counties of Edgar, Henry and Moultrie over a thousand acres was seeded to this crop.

The average yield per acre was but one-fourth of a ton, and the total yield 16,546,000 pounds.

The price obtained for broom corn the past season, \$68 per ton, is much higher than in 1888. The total value of the crop was \$567,053.

The following table gives the area, yield and value of the broom corn crop of Illinois since 1877:

YEAR.	Acreage.	Av. yield per acre— lbs.	Total yield— pounds.	Price per ton.	Value of crop.
1877.....	14,566	458	6,674,747	\$71 20	\$237,594
1878.....	18,258	614	11,218,168	49 50	277,645
1879.....	17,664	632	11,161,238	86 75	484,195
1880.....	18,652	775	14,457,156	77 40	559,447
1881.....	17,887	1,437	25,708,250	128 50	1,651,739
1882.....	43,036	225	9,693,187	80 00	387,680
1883.....	33,922	1,000	33,922,000	90 00	1,481,710
1884.....	25,173	750	16,228,000	72 00	585,572
1885.....	17,382	666	10,514,000	94 00	474,932
1886.....	37,633	526	19,914,000	78 00	776,963
1887.....	35,022	803	28,132,000	69 00	973,864
1888.....	41,807	672	28,116,000	57 00	797,245
1889.....	29,398	563	16,546,000	68 00	567,053

SORGHUM.

A somewhat smaller area than in 1888 was devoted to sorghum this year, but 10,352 acres being planted.

The average yield per acre of 93 gallons of syrup, while smaller than last year, is still above the average. The total number of gallons of syrup made in the State was 966,097.

The price obtained per gallon, 37 cents, is the lowest price ever received, and is the same as in 1888.

The total value of syrup made was \$353,883.

The following table gives the area, yield and value of the sorghum produced in the State since 1877:

YEAR.	Acreage.	Av. yield per acre— gals.	Total number of gallons.	Price per gallon.	Value of crop.
1877.....	19,335	63	1,237,164	\$0 42	\$515,400
1878.....	14,638	80	1,174,549	45	528,547
1879.....	17,883	73	1,309,400	38	497,572
1880.....	9,825	65	636,216	42	267,211
1881.....	8,263	55	456,714	55	251,193
1882.....	13,757	61	816,892	50	408,446
1883.....	14,023	90	1,272,287	50	604,157
1884.....	13,854	100	1,389,243	45	631,270
1885.....	13,890	92	1,289,446	40	519,622
1886.....	12,637	81	1,021,855	38	393,497
1887.....	11,231	60	673,736	46	309,098
1888.....	11,447	101	1,160,474	37	429,120
1889.....	10,352	93	966,097	37	353,883

BUCKWHEAT.

The area in buckwheat this season is 1,713 acres larger than in 1888.

The largest acreage was in Clark county, 651 acres. The counties of Clay, Lawrence, Marion and McHenry, report an area of over 200 acres each.

The average yield per acre of 15 bushels is somewhat smaller than last year, but the total yield, 57,578 bushels, is larger than a year ago.

The price obtained for the crop, 53 cents per bushel, is the lowest ever paid for buckwheat in Illinois.

The following table gives the area, yield and value of the buckwheat crop in this State for the past thirteen years.

YEAR.	Acreage.	Av. yield per acre.	Bushels produced.	Price per bushel.	Value of crop.
1877.....	15,880	13	207,696	\$0 73	\$151,612
1878.....	16,060	9	155,340	1 33	206,608
1879.....	10,786	10	112,180	77	85,257
1880.....	6,681	9	62,128	77	47,838
1881.....	8,648	4½	16,374	1 12	18,329
1882.....	2,469	25	63,743	77	49,838
1883.....	3,491	14	49,397	85	41,800
1884.....	3,526	17	58,641	64	37,864
1885.....	4,318	15	66,874	64	43,174
1886.....	4,830	13	64,136	56	36,256
1887.....	3,051	11	33,584	65	21,832
1888.....	2,193	16	35,752	65	23,350
1889.....	3,906	15	57,578	53	30,415

HUNGARIAN AND MILLET.

Nearly three times as much hungarian and millet seed was raised in 1889 as in 1888. There has been a steady increase in the amount raised for a number of years, and the present crop of 154,468 bushels, is by far the largest ever produced in the State.

The price obtained, 49 cents per bushel, is very low but the total value of the crop, \$75,944, has never been exceeded.

The following table gives the yield and value of this crop since 1877:

YEAR.	Bushels produced.	Price per bushel.	Total value.
1877.....	17,463	\$0 65	\$10,701
1878.....	26,787	55	14,733
1879.....	43,776	75	32,832
1880.....	66,889	70	46,752
1881.....	76,180	95	72,370
1882.....	77,423	69	53,422
1883.....	70,007	62	43,201
1884.....	33,513	51	17,187
1885.....	22,203	60	13,418
1886.....	32,175	54	17,553
1887.....	39,049	65	25,385
1888.....	55,388	63	35,126
1889.....	154,468	49	75,944

TIMOTHY SEED.

A larger number of bushels of timothy seed was produced in 1889 than in any year since 1884, the total yield being 323,723 bushels. But three times since 1876 has the price of timothy seed been lower than this year, when it averaged but \$1.35 per bushel. The total value of the timothy seed of the State was \$434,300

A table published elsewhere in this report gives the number of bushels of timothy seed produced in each county in Illinois in 1889, together with its value.

The following table gives the amount and value of the crop in the State since and including 1877:

YEAR.	Bushels produced.	Price per bushel.	Total value.
1877.....	483,571	\$1 25	\$604,464
1878.....	261,559	1 25	326,949
1879.....	213,329	2 25	479,990
1880.....	400,124	2 20	880,272
1881.....	426,531	2 60	1,108,980
1882.....	320,653	1 68	538,697
1883.....	358,895	1 35	476,447
1884.....	389,056	1 30	512,438
1885.....	167,456	1 55	258,376
1886.....	179,178	1 65	291,803
1887.....	139,561	2 25	311,421
1888.....	134,006	1 70	224,651
1889.....	323,763	1 35	434,300

CLOVER SEED.

There has been a great decline in the amount of clover seed produced in the State during the past two years, the 1889 product being but 78,005 bushels.

A great variation is noticeable in this crop for a term of years, probably as great a one as in any of the larger crops of the State.

CROP REPORT.

The price obtained is the lowest ever received, being but \$3.15 per bushel.

The total value of the crop was but \$245,695.

In the following table will be found the yield and value of the crop of clover seed for 1889, as well as for the twelve years preceding:

YEAR.	Bushels produced.	Price per bushel.	Total value.
1877	64,686	\$4 80	\$310,493
1878	77,388	4 05	313,421
1879	138,191	5 00	690,955
1880	87,144	4 60	400,862
1881	125,042	5 20	650,218
1882	55,862	5 00	279,310
1883	78,656	4 75	375,066
1884	138,920	4 40	609,945
1885	72,969	5 00	365,523
1886	122,612	4 30	524,271
1887	180,267	4 15	747,982
1888	122,906	4 60	563,412
1889	78,005	3 15	245,695

BEANS.

Neither the area, yield per acre nor price per bushel of beans was as large this year as last. The area was 2,207 acres, the average yield per acre, 13 bushels and the total yield 28,678 bushels.

But twice since 1876 has the price of beans been so low as this year, when they returned to the producer but \$1.45 per bushel. The total value of the beans produced was \$41,543.

The following table gives the area, yield and value of the 1889 crop of beans, together with those of twelve years preceding:

YEAR.	Acreage.	Av. yield per acre.	Yield in bushels.	Price per bushel.	Value of crop.
1877	1,545	13	19,955	\$1 50	\$29,916
1878	1,669	16	18,627	1 35	25,146
1879	2,674	14	36,217	1 50	53,225
1880	1,398	11	15,894	1 60	25,430
1881	1,012	3	3,267	3 30	10,681
1882	983	9	9,776	2 22	21,103
1883	1,091	14	15,738	2 00	31,374
1884	1,621	13	21,335	1 55	33,017
1885	2,660	17	44,457	1 45	64,908
1886	1,222	16	17,785	1 60	28,806
1887	1,925	12	23,151	2 15	49,983
1888	2,434	14	34,651	1 60	54,776
1889	2,207	13	28,678	1 45	41,543

CASTOR BEANS.

The area devoted to castor beans in 1889, 9,631 acres, was 1,350 acres smaller than that of 1888. The average yield per acre of 8 bushels is a little larger than for three years past, making the total yield of 78,283 bushels but little less than in 1888. The price obtained per

bushel, \$1.80, is the highest price ever received for castor beans in the State, and the total value of the crop, \$141,180 is more than for any previous year except 1886, when there was an unusually large area planted.

In the following table is given the area, yield and value of the last thirteen crops of castor beans.

YEAR.	Acreage.	Av. yield per acre— bushels.	Yield in bushels.	Price per bushel.	Value of crop.
1877.....	4,503	3 ¹ / ₄	17,538	\$1 10	\$19,512
1878.....	3,371	7	2,526	1 25	3,157
1879.....	3,085	8 1-5	24,314	1 00	24,344
1880.....	500	6 4-5	3,480	1 05	3,654
1881.....	758	5 ¹ / ₄	4,005	1 65	5,608
1882.....	2,088	2 ¹ / ₂	4,346	1 26	5,476
1883.....	433	8	3,464	1 35	4,668
1884.....	1,108	17	19,295	1 60	30,794
1885.....	3,825	12	46,283	1 65	76,997
1886.....	19,374	7	136,518	1 30	175,211
1887.....	14,978	7	95,721	1 00	95,596
1888.....	10,981	7	78,813	1 30	103,303
1889.....	9,631	8	78,283	1 80	141,180

TOBACCO.

There was but 2,923 acres of tobacco planted this year, a decrease of 1,184 acres from 1888.

The average yield per acre of 768 pounds, while somewhat below that of 1888, is still above the average for a term of years.

The total amount of tobacco produced in the State in 1839 was 2,244,199 pounds, which at the average price obtained, 4 cents per pound, returned to the producers \$105,059.

Very few counties in the State devote any attention to tobacco raising. Nearly half the acreage was in Saline county, 1,016 acres, while in only Crawford, Franklin, Hamilton, JoDavies and Williamson was there over one hundred acres each.

The following table gives the area, yield and value of this crop in the State since 1876.

YEAR.	Acreage.	Av. yield per acre— pounds.	Pounds produced.	Price per pound.	Value of crop.
1877.....	12,320	640	7,885,586	\$0 08	\$638,848
1878.....	3,833	584	2,268,492	07	158,794
1879.....	3,079	890	2,741,329	09	246,719
1880.....	4,091	668	2,736,407	08	218,912
1881.....	3,854	453	1,749,474	08	139,798
1882.....	3,798	622	2,345,931	07	164,215
1883.....	3,092	710	2,195,426	06	140,920
1884.....	4,842	767	3,716,408	09	321,582
1885.....	7,028	802	5,634,066	05	310,922
1886.....	10,365	745	7,719,704	04	313,714
1887.....	2,705	544	1,471,528	05	76,538
1888.....	4,107	800	3,287,017	04	133,576
1889.....	2,923	768	2,244,199	05	105,059

PASTURES.

Not quite so large an area was devoted to pastures in 1889 as in 1888. The quality of the grass the past season was very good, and the warm winter has kept it green and fresh unusually late in the season.

The value of pastures was rather less than a year ago, being but \$18,862,811, or \$3.30 per acre.

The following table gives the area and value of pastures for thirteen years past:

YEAR.	Acreage.	Value per acre.	Total value.
1877	4,367,603	\$3 38	\$14,764,112
1878	3,983,450	3 10	12,324,657
1879	4,193,884	2 95	12,319,620
1880	4,257,054	3 40	14,491,114
1881	2,206,621	3 40	14,397,176
1882	4,697,966	3 75	17,578,690
1883	4,752,828	3 60	17,073,741
1884	5,085,817	3 80	19,241,247
1885	5,417,147	3 25	17,729,714
1886	5,537,873	3 45	19,248,836
1887	5,630,571	3 10	17,327,126
1888	5,796,935	3 85	22,259,067
1889	5,679,874	3 30	18,862,811

VEGETABLES.

IRISH POTATOES.

While the area in Irish potatoes the past season, 119,632 acres, is somewhat smaller than a year ago, the increased yield per acre, 129 bushels as against 100 in 1888, makes the total yield of 15,484,390 bushels, 3,000,000 more than for the previous year.

The price obtained, 25 cents per bushel, is the lowest ever received for them in this State, with the exception of 1861, when they brought only 20 cents per bushel.

The total value of the crop was \$3,930,177.

A table published elsewhere in this report gives the area, yield and value of Irish potatoes in each county in the State for 1889, while the following table gives the same data for the State for each year since and including 1860:

YEAR.	Number of acres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	69,225	80	5,540,390	\$0 31	\$1,717,520	\$24 80	\$20 55	\$1,423,190	\$294,330	.....
1861.....	69,225	80	5,540,390	20	1,606,713	23 19	20 55	1,423,190	183,523	.....
1862.....	64,444	100	6,444,400	40	2,577,762	40 00	20 55	1,324,324	1,253,438	.....
1863.....	73,650	70	5,155,523	74	3,815,087	51 80	20 55	1,513,507	2,301,580	.....
1864.....	55,521	81½	4,511,083	1 15	5,187,745	93 43	20 55	1,140,956	4,036,789	.....
1865.....	50,124	117	5,864,408	47	2,770,933	55 27	20 55	1,030,048	1,740,885	.....
1866.....	55,983	86½	5,102,035	64	3,265,302	55 36	20 55	1,212,100	2,053,202	.....
1867.....	60,710	60½	3,673,000	1 20	4,407,600	72 60	20 55	1,247,590	3,160,010	.....
1868.....	53,521	71	3,800,000	81	3,078,000	57 51	20 55	1,009,856	1,978,144	.....
1869.....	72,815	103	7,500,000	41	3,075,000	42 23	20 55	1,496,348	1,578,652	.....
1870.....	104,037	81	8,427,000	64	5,393,280	51 84	20 55	2,147,960	3,255,320	.....
1871.....	117,409	61	7,162,000	85	6,087,700	51 94	20 55	2,412,755	3,674,945	.....
1872.....	128,006	75	9,668,000	46	4,448,280	34 50	20 55	2,649,018	1,798,262	.....
1873.....	137,750	40	5,510,000	1 12	6,171,200	44 80	20 55	2,830,762	3,340,438	.....
1874.....	135,236	55	7,438,000	83	6,173,540	45 65	20 55	2,779,100	3,394,440	.....
1875.....	118,750	128	15,200,000	32	4,864,000	40 96	20 55	2,540,312	2,424,688	.....
1876.....	126,000	75	9,450,000	61	5,764,500	45 75	20 55	2,589,300	3,175,200	.....
1877.....	95,717	71	6,795,349	45	3,057,907	32 95	20 55	1,966,984	1,090,923	.....
1878.....	81,460	63	5,095,477	47	2,394,874	29 61	20 55	1,674,003	720,871	.....
1879.....	90,351	78	7,125,932	50	3,506,788	39 00	20 55	1,856,713	1,650,075	.....
1880.....	93,387	69	6,470,811	56	3,689,348	38 64	20 55	1,992,702	1,696,646	.....
1881.....	85,357	47	4,043,377	1 08	4,393,676	50 76	20 55	1,805,478	2,591,198	.....
1882.....	116,895	100	10,730,254	58	6,261,307	58 00	21 10	2,255,346	4,005,961	.....
1883.....	118,766	125	14,483,006	35	5,105,203	43 75	21 10	2,507,842	2,622,892	.....
1884.....	125,893	94	11,806,082	35	4,093,956	32 52	21 00	2,642,399	1,451,557	.....
1885.....	113,452	89	10,146,159	45	4,377,401	38 58	21 20	2,403,996	1,963,405	.....
1886.....	114,868	80	9,179,631	45	4,126,265	35 92	21 25	2,441,895	1,684,370	.....
1887.....	125,168	44	5,471,356	80	4,363,282	34 86	21 32	2,669,440	1,693,842	.....
1888.....	123,911	100	12,431,627	37	4,554,268	36 75	22 10	2,740,973	1,813,295	.....
1889.....	119,632	129	15,484,390	25	3,930,177	32 85	22 10	2,647,105	1,283,072	.....

SWEET POTATOES.

There was an increased area in sweet potatoes in 1889, as compared with 1888. The area for 1889 was 4,126 acres. The average yield per acre of 90 bushels has been exceeded but three times since 1876; in 1884, when 103 bushels per acre was raised; 1885, 92, and 1888, 100 bushels.

The total yield, 370,616 bushels, was the largest crop of sweet potatoes ever produced in the State, and the prevailing price of 58 cents per bushel was the lowest ever noted in Illinois. The total value of the crop of 1889, was \$215,646.

The following table gives the area, yield and value of the sweet potato crop of the State since 1876:

YEAR.	Acreage.	Av. yield per acre—bushels.	Yield in bushels.	Price per bushel	Value of crop.
1877.....	2,355	63	148,270	\$0 85	\$126,029
1878.....	1,729	67	116,944	85	99,402
1879.....	1,423	88	126,169	90	112,552
1880.....	3,382	66	224,523	90	202,070
1881.....	1,815	63	114,486	1 08	123,645
1882.....	2,785	77	216,283	80	173,020
1883.....	2,696	83	228,605	75	171,847
1884.....	2,681	103	276,304	67	184,077
1885.....	2,825	92	261,590	59	153,716
1886.....	3,306	87	286,505	69	197,401
1887.....	2,881	68	196,594	95	186,084
1888.....	3,221	100	323,906	69	224,743
1889.....	4,126	90	370,616	58	215,646

TURNIPS AND OTHER ROOT CROPS.

A larger area was devoted to turnips and other root crops in 1889 than for the two previous years. The area as returned by the assessors was 4,509 acres. At the average value of \$118.42 per acre, the total value of the crop was \$533,950, the largest amount received for these crops since 1883.

The following table gives the acreage and value of turnips and other root crops grown in the State during the past thirteen years:

YEAR.	Acreage.	Value per acre.	Value of crop.
1877.....	7,056	\$39 55	\$279,136
1878.....	3,775	40 85	154,140
1879.....	3,139	230 15	722,444
1880.....	2,300	45 85	105,414
1881.....	3,046	147 20	448,369
1882.....	3,809	245 25	934,291
1883.....	4,361	205 75	897,304
1884.....	3,856	75 75	292,181
1885.....	3,002	83 50	257,387
1886.....	5,002	76 75	383,966
1887.....	2,592	81 20	210,432
1888.....	3,802	93 12	354,046
1889.....	4,509	118 42	533,950

LIVE STOCK.

HOGS.

The number of hogs assessed in May, 1889, (3,696,442), was 339,291 less than the number reported by assessors in May, 1888.

The number marketed was 3,068,036, which averaged 240 pounds each, live weight, making the total number of pounds marketed 736,120,051.

The market price of hogs during 1889, which averaged \$3 70 per cwt., was lower than for two years past, and the total value of the hog product of the State, \$27,348,904, was more than a million dollars less than in 1888.

Hogs have been as free from cholera this year as for a number of years past, though there is some complaint of it from a good many counties. As a rule, however, the disease has been confined to certain sections, and has not been general. The most discouraging reports come from the following counties: In Coles county the cholera took all of the pigs and some hogs; in DeKalb, Edgar, Knox and Livingston counties it has been very prevalent, and exceedingly fatal; in Stephenson it is said to be the worst known for years, and many farmers are losing all their hogs.

The following table gives the number of hogs assessed and marketed in 1889, as well as their weight and value for the last thirty-four years:

YEAR.	Assessors' Returns.			Number fat hogs marketed	Av. gross weight per head.	Total gross weight.	Value per 100 lbs. gross.	Total value hog product.
	Number.	Value.	Estimated per cent marketed.					
1856	1,596,903	\$3,375,247	70	1,117,832	*262	292,871,984	\$4 75	\$13,911,420
1857	1,896,585	4,032,588	70	1,325,509	*262	347,283,358	3 90	13,544,049
1858	1,908,603	3,482,116	70	1,336,022	*262	350,037,764	5 05	17,676,909
1859	1,725,328	2,495,042	70	1,207,730	*262	316,425,260	4 70	14,871,989
1860	1,530,256	2,745,915	70	1,071,179	*262	280,648,898	4 55	12,769,525
1861	2,196,581	4,032,874	70	1,537,607	*262	402,853,034	2 45	9,869,898
1862	2,601,395	3,198,807	70	1,820,976	*262	477,695,712	3 35	15,982,706
1863	2,506,138	2,249,709	70	1,754,296	*262	459,625,552	5 35	24,589,964
1864	2,044,847	2,799,158	70	1,441,391	*262	375,024,442	11 45	42,940,294
1865	1,746,005	3,359,621	70	1,220,103	*288	351,589,664	9 35	32,854,937
1866	2,007,500	4,474,354	70	1,405,250	290	407,522,500	5 75	23,432,544
1867	2,616,814	5,230,731	70	1,831,770	251	459,774,270	6 35	29,195,668
1868	2,300,150	3,692,869	70	1,670,105	237	418,796,985	8 15	33,724,455
1869	2,056,304	3,929,832	70	1,429,413	256	365,929,725	9 20	33,665,582
1870	2,220,651	4,114,108	70	1,554,456	207	446,128,872	5 25	23,421,767
1871	2,938,749	4,613,529	70	2,057,124	284	584,233,216	4 10	23,953,151
1872	3,292,165	4,060,736	70	2,004,515	290	668,309,350	3 75	25,061,599
1873	3,560,192	11,279,720	70	2,492,134	267	665,399,778	4 35	28,944,891
1874	3,452,213	8,972,402	70	2,416,549	261	630,719,289	6 65	41,942,893
1875	2,803,969	8,157,128	70	1,966,978	271	533,051,038	7 05	37,580,095
1876	2,665,935	8,934,673	70	1,896,134	268	500,129,272	5 75	28,757,435
1877	2,961,366	7,580,920	82	2,455,573	252	618,804,396	4 25	26,299,187
1878	2,325,550	4,991,275	68	2,271,493	242	550,955,097	2 80	15,426,743
1879	2,799,051	3,812,328	90	2,543,278	276	702,102,812	3 30	23,169,392
1880	3,233,557	4,800,364	84	2,642,606	248	656,485,450	4 00	26,259,416
1881	2,872,074	5,354,800	71	2,039,149	254	492,096,606	5 25	25,946,977
1882	3,390,335	5,455,161	83	2,813,961	244	686,908,678	6 40	43,832,117
1883	3,414,739	5,767,778	83	2,834,220	233	786,454,022	4 75	32,702,001
1884	2,808,898	5,205,740	83	2,361,374	236	549,650,787	4 50	24,886,854
1885	3,858,030	6,018,527	83	3,202,145	239	764,111,688	3 50	26,673,739
1886	3,701,495	4,885,973	83	3,072,229	234	719,271,490	3 60	26,076,402
1887	3,313,317	4,903,709	83	2,749,941	231	636,049,783	4 10	26,187,640
1888	4,035,733	4,930,741	83	3,349,646	233	771,523,634	4 90	37,759,881
1889	3,696,442	5,618,592	83	3,068,036	240	736,120,051	3 70	27,348,904

*Estimated.

CATTLE.

There were fewer beef cattle in the State this year, according to the assessors' returns, than for two years past, the total number being but 2,393,191. Of this number, twenty-three per cent., or 551,571, were marketed, the average live weight being 1,115 pounds, and the gross weight 615,094,645 pounds. The average price obtained, \$3.00 per cwt., is the lowest price ever received for cattle in the State. The total value of the beef cattle marketed was \$18,388,190.

Cattle generally have been quite healthy during the past year, though some reports of disease have been received.

In Boone county abortion among dairy cows has been quite prevalent; a new disease appeared among sucking calves in Franklin county in the fall. The animals swelled a little, and death was invariably the result; some cases of milk fever are reported among the cows in Kane county, while in Knox county a number of calves have died of black leg. In Morgan county a new disease appeared among cattle, which affected the feet and mouth

A few cases of Texas fever are also reported. Some of the cattle in Piatt county are affected with a cough, which causes them to stiffen and sometimes to die.

The following table gives the number, weight and value of the cattle marketed in the State since 1855:

YEAR.	Assessors' Returns.		Estimated per cent marketed.	Number beef cattle market'd	Av. gross weight per head.	Total gross weight.	Value per 100 lbs gross.	Value beef cattle marketed.
	Number.	Value.						
1856.....	1,169,855	\$15,572,065	20	239,971	*1,000	233,971,090	*\$4 75	\$11,113,622
1857.....	1,351,299	16,171,830	20	270,242	*1,000	270,242,000	*4 75	12,536,495
1858.....	1,422,249	44,442,821	20	284,450	*1,000	284,450,000	*4 75	13,541,375
1859.....	1,336,565	12,371,600	20	267,513	*1,000	266,513,000	*4 75	12,706,867
1860.....	1,425,978	12,468,537	20	285,196	*1,000	285,196,000	*5 00	14,259,800
1861.....	1,428,362	11,494,803	20	285,672	*1,000	285,672,000	*5 00	14,283,000
1862.....	1,603,946	11,032,662	20	320,790	*1,000	320,790,000	*5 00	16,039,500
1863.....	1,684,892	12,699,732	20	336,978	*1,000	336,978,000	*5 00	16,848,900
1864.....	1,370,783	13,709,418	20	374,157	*1,000	374,157,000	*5 05	13,844,928
1865.....	1,568,280	14,285,862	20	213,656	*1,000	213,656,000	*5 70	12,178,392
1866.....	1,433,769	13,279,620	20	287,154	*1,000	287,154,000	*5 60	16,080,626
1867.....	1,386,381	17,179,165	20	297,276	*1,000	297,276,000	*5 75	17,093,370
1868.....	1,520,463	15,801,830	20	304,195	1,085	340,049,405	*5 75	18,977,840
1869.....	1,584,445	15,497,350	20	316,889	1,103	346,528,567	*5 70	19,923,130
1870.....	1,578,015	14,555,321	20	315,603	1,110	350,319,330	*5 85	20,493,679
1871.....	1,611,349	14,605,415	20	322,270	1,129	363,842,830	*4 75	17,282,533
1872.....	1,684,029	14,778,925	20	336,809	1,137	382,918,422	*4 85	18,572,997
1873.....	2,015,819	35,776,899	20	403,164	1,145	461,622,780	*4 50	20,773,026
1874.....	2,042,327	31,928,374	20	408,465	1,152	470,551,689	*4 85	22,821,757
1875.....	1,985,155	28,323,950	20	397,031	1,147	445,394,557	*4 85	22,086,633
1876.....	1,857,301	24,827,932	20	371,460	1,156	429,407,760	*4 05	17,891,016
1877.....	1,750,931	21,677,643	24	423,984	1,097	448,151,088	*4 25	19,006,421
1878.....	1,775,401	19,861,633	20	357,816	1,021	365,458,112	*3 45	12,688,304
1879.....	1,862,265	18,893,811	24	467,331	980	448,463,450	*3 50	15,696,219
1880.....	1,999,788	19,895,484	23	473,727	1,042	493,584,661	*3 65	18,014,743
1881.....	2,045,366	20,528,846	23	470,424	1,129	531,280,052	*4 15	21,950,890
1882.....	2,012,902	20,497,966	23	462,943	1,118	517,619,770	*4 45	33,135,715
1883.....	1,959,867	20,581,411	23	453,055	1,060	481,144,410	*4 25	20,448,637
1884.....	1,990,927	20,176,698	23	457,887	1,093	500,412,461	*4 50	22,521,246
1885.....	2,166,059	20,815,827	23	497,586	1,101	548,126,905	*3 95	21,593,137
1886.....	2,337,074	20,659,734	23	538,921	1,104	595,120,137	*3 50	21,005,174
1887.....	2,450,401	20,612,132	23	571,481	1,060	605,887,679	*3 25	19,631,401
1888.....	2,465,288	17,528,198	23	567,011	1,079	612,056,304	*3 35	20,402,836
1889.....	2,398,191	15,804,079	23	551,571	1,115	615,094,645	*3 00	18,388,190

*Estimated.

SHEEP.

There has been a steady decrease in the number of sheep in the State during the past five years. The number assessed this year was 666,723.

The average live weight of the number marketed, 146,675, was 99 pounds, making a gross weight of 14,533,330 pounds.

The average price per cwt., \$3.55 is the most which sheep have brought for a number of years, and the total value of the sheep product of the State, \$517,756, is larger than for the three years past.

A table published elsewhere in this report gives the number of sheep in each county in the State in 1889, while the following table gives the number, weight and value of the sheep marketed in the State since 1855.

YEAR.	Assessors' Returns.		Estimated per cent marketed.	Number fat sheep market'd	Av. gross weight per head.	Total gross weight.	Value per 100 lbs. gross.	Value fat sheep product.
	Number.	Value.						
1856.....	766,433	\$940,034	20	157,286	*90	14,155,740	**3 50	\$495,450
1857.....	760,602	881,226	20	152,120	*90	13,690,300	*3 70	506,560
1858.....	760,793	806,455	20	152,158	90	13,694,220	2 30	314,967
1859.....	647,334	682,082	20	129,467	91	11,791,497	3 80	447,694
1860.....	584,430	695,035	20	116,886	95	11,104,170	3 30	366,440
1861.....	731,809	747,437	20	146,278	104	15,212,704	3 30	366,439
1862.....	913,024	982,285	20	182,605	102	18,625,710	3 90	625,402
1863.....	1,206,625	1,910,654	20	241,325	110	26,565,750	4 95	1,214,012
1864.....	1,606,144	2,876,696	20	321,229	111	35,656,319	5 91	2,107,293
1865.....	2,165,972	3,955,102	20	433,194	*90	38,987,460	5 65	3,292,788
1866.....	2,416,981	3,283,595	20	519,999	98	50,233,664	4 35	2,185,196
1867.....	2,599,998	3,512,590	20	467,543	*90	42,960,870	*4 25	2,195,796
1868.....	2,336,717	2,337,896	20	391,513	85	33,278,605	3 80	1,598,314
1869.....	1,957,513	1,612,472	20	286,847	*90	25,816,230	3 85	2,281,226
1870.....	1,434,236	994,610	20	214,699	*90	19,322,910	4 19	1,058,464
1871.....	1,073,497	632,254	20	202,095	*90	17,188,550	4 40	850,207
1872.....	1,010,475	1,024,468	20	218,421	*90	19,657,890	4 15	754,826
1873.....	1,082,104	2,135,593	20	207,366	*90	18,962,744	4 75	933,750
1874.....	1,036,831	1,676,090	20	185,611	*90	19,704,990	4 40	821,168
1875.....	928,056	1,399,397	20	164,971	*90	14,874,390	4 90	818,545
1876.....	824,854	1,185,736	20	241,422	95	23,176,512	4 50	698,133
1877.....	757,105	1,008,054	*31	144,762	86	12,531,597	4 40	1,019,766
1878.....	775,757	883,036	*18	191,368	94	18,071,371	3 80	476,201
1879.....	847,101	930,607	*22	261,230	92	26,550,072	2 98	538,528
1880.....	1,088,544	1,403,352	*20	193,384	101	17,817,358	3 55	938,861
1881.....	964,696	1,346,822	*24	264,576	101	26,641,005	3 40	605,448
1882.....	1,203,183	1,348,181	22	651,031	102	25,506,495	3 09	954,863
1883.....	1,141,104	1,264,202	22	205,322	100	20,603,032	3 40	874,853
1884.....	933,330	1,083,853	22	209,854	98	20,691,213	3 30	679,756
1885.....	953,933	973,012	22	196,375	99	19,538,651	2 85	589,518
1886.....	892,644	848,012	22	168,010	99	16,668,685	3 00	582,509
1887.....	777,716	746,607	22	150,052	100	15,078,544	3 05	511,765
1888.....	682,093	654,809	22	146,675	99	14,533,330	3 30	494,842
1889.....	666,723	653,388	22				3 55	517,756

*Estimated. †Assessors' returns.

WOOL.

There was 159,430 less pounds of wool shorn in 1889 than in 1888. The wool clip of the current year amounted to 2,767,585 pounds.

The price per pound, 23 cents, is a little better than a year ago. The total value of the 1889 clip was \$642,735.

The following table gives the number of pounds shorn, the price per pound, and the total value of the wool clip for thirteen years past.

YEAR.	Number lbs. shorn.	Price per pound.	Total value.
1877.....	3,291,677	\$0 30	\$987,503
1878.....	2,891,087	25	722,752
1879.....	3,944,558	35	1,380,595
1880.....	4,757,938	34	1,617,698
1881.....	4,636,711	29	1,344,646
1882.....	4,570,081	27	1,233,922
1883.....	4,447,808	26	1,099,822
1884.....	4,301,024	21	912,418
1885.....	3,893,505	21	815,509
1886.....	3,577,253	23	843,521
1887.....	3,130,132	24	753,554
1888.....	2,927,015	22	654,594
1889.....	2,767,585	23	642,735

HORSES.

The number of colts foaled in 1888, (140,291) was nearly three thousand more than in 1887, while the total number of horses and colts assessed in 1889, (991,094) was 34,185 more than in 1888.

The health of horses has generally been good, though some distemper has been reported in the counties of Bond, Clinton, Effingham, Gallatin, Hancock, Henderson, Iroquois, Jasper, Kankakee, Knox, LaSalle, Macon, Marion, Marshall, Massac, Menard, Mercer, Pope, Richland, Saline, Stephenson and Whiteside.

Epizootic has been very fatal to horses in Coles county, and is also reported in Douglas county. Pink-eye is reported in Henderson county, and a few cases of glanders in Livingston county.

A table published elsewhere in this report gives the number of colts foaled, and the number of horses and colts assessed in each county in the State for a number of years.

DAIRY PRODUCTS.

MILK.

The following table gives the number of gallons and value of the milk sold in the State during the past thirteen years:

YEAR.	Gallons sold.	Price per gallon.	Total value.
1877.....	17,124,506	\$0 11 1-6	\$1,912,236
1878.....	30,567,415	10 1-2	3,209,579
1879.....	96,659,845	08	7,732,788
1880.....	38,986,861	09 1-6	3,573,796
1881.....	40,153,488	09 1-2	3,814,581
1882.....	41,433,620	20	8,286,724
1883.....	43,006,273	14	5,923,207
1884.....	50,056,318	13	6,703,071
1885.....	54,321,937	14	7,583,372
1886.....	53,413,133	12	6,679,360
1887.....	42,000,560	13	5,505,375
1888.....	67,185,426	13	8,895,166
1889.....	69,874,016	11	7,466,110

CREAM.

The quantity and value of the cream sold in the State since 1876 is given in the following table:

YEAR.	Gallons sold.	Price per gallon.	Total value.
1877.....	2,744,259	\$0 55	\$1,509,342
1878.....	62,707	52	32,608
1879.....	230,497	49	112,943
1880.....	601,314	50	300,657
1881.....	1,380,939	51	704,279
1882.....	2,188,396	62	1,356,805
1883.....	2,324,579	27	1,229,826
1884.....	1,479,183	40	600,219
1885.....	2,553,415	46	1,184,986
1886.....	3,468,498	50	1,728,293
1887.....	2,435,439	52	1,271,451
1888.....	3,418,261	49	1,663,023
1889.....	2,778,952	49	1,352,587

BUTTER.

In the following table will be found the quantity and value of the butter sold in Illinois during the past thirteen years:

YEAR.	Pounds sold.	Price per pound.	Total value.
1877.....	18,970,227	\$0 20	\$3,794,045
1878.....	17,997,652	15	2,699,648
1879.....	25,028,225	19	4,755,363
1880.....	24,553,449	20	4,910,690
1881.....	21,578,414	26	5,610,647
1882.....	21,658,054	25	5,414,763
1883.....	22,198,370	25	5,606,737
1884.....	22,696,333	21	4,749,507
1885.....	20,166,720	19	3,812,664
1886.....	19,779,293	19	3,726,323
1887.....	19,121,237	21	3,970,919
1888.....	21,568,159	23	5,009,069
1889.....	22,840,988	18	4,175,224

CHEESE.

The following table shows the quantity and value of the cheese sold in the State since 1876:

YEAR.	Pounds sold.	Price per pound.	Total value.
1877.....	4,502,671	\$0 12	\$540,320
1878.....	5,139,914	10	513,691
1879.....	6,618,212	13	860,367
1880.....	6,187,680	13	803,398
1881.....	5,837,974	15	875,696
1882.....	5,252,036	14	735,285
1883.....	4,931,826	14	672,474
1884.....	4,795,697	10	483,622
1885.....	2,312,266	10	230,795
1886.....	2,557,865	10	267,503
1887.....	3,484,933	12	422,018
1888.....	2,064,134	12	253,618
1889.....	1,600,592	12	185,778

FRUITS.

APPLES.

The 1889 crop of apples, which amounted to 5,016,616 bushels, is the largest produced in the State since 1883. While the price obtained, 56 cents per bushel, is scarcely up to an average, the total value of the crop, \$2,822,859, is the largest return in five years.

The farmers in Southern Illinois are learning that wheat is not the only crop which their soil is capable of producing, and more land is being put into orchards and small fruits each succeeding year, with gratifying results.

Eastern fruit-buyers are becoming aware of this fact, and during the past summer New York and Canadian buyers visited this section and bought very largely for their markets.

The following table gives the number of bushels of apples, and the value of the crops, since 1876:

YEAR.	Number of bushels.	Price per bushel.	Value of crop.
1877.....	5,395,351	\$0 80	\$4,316,281
1878.....	4,940,811	65	3,211,527
1879.....	5,958,690	75	4,469,017
1880.....	10,342,186	66	5,791,624
1881.....	2,659,529	1 22	3,244,625
1882.....	6,557,128	80	5,245,702
1883.....	6,818,520	75	5,134,042
1884.....	4,152,925	65	2,987,850
1885.....	3,778,644	61	2,292,731
1886.....	4,037,765	52	2,118,640
1887.....	1,958,338	85	1,704,695
1888.....	2,393,870	45	1,074,099
1889.....	5,016,616	56	2,822,859

PEACHES.

The following table gives the quantity and value of the peaches produced in the State during the past thirteen years.

YEAR.	Number of bushels	Price per bushel.	Value of crop.
1877.....	402,587	\$0 92	\$370,280
1878.....	607,292	62	376,521
1879.....	25,749	1 34	34,503
1880.....	398,970	80	219,176
1881.....	96,507	1 55	149,586
1882.....	319,911	83	265,526
1883.....	260,923	1 10	286,765
1884.....	135,329	1 70	227,443
1885.....	51,466	75	38,741
1886.....	36,783	1 25	45,705
1887.....	12,829	1 20	15,213
1888.....	153,566	61	93,083
1889.....	177,145	77	136,782

PEARS.

The following table gives the extent and value of the pear crop of the State, since and including 1877:

YEAR.	Number of bushels.	Price per bushel.	Value of crop.
1877.....	16,318	\$1 35	\$22,704
1878.....	13,510	1 25	16,887
1879.....	6,134	1 55	9,508
1880.....	35,714	1 30	46,428
1881.....	14,135	1 80	25,443
1882.....	9,964	1 33	13,252
1883.....	7,128	1 80	12,737
1884.....	4,418	1 40	6,128
1885.....	11,450	1 05	12,317
1886.....	5,579	1 15	7,489
1887.....	5,526	1 75	9,671
1888.....	5,372	1 00	5,333
1889.....	12,616	93	11,746

OTHER FRUITS AND BERRIES.

The following table gives the acreage and value of other fruits and berries not named above, for the past thirteen years:

YEAR.	Acreage.	Value per acre.	Value of crop.
1877.....	4,523	\$35 53	\$178,800
1878.....	2,559	55 51	197,581
1879.....	3,111	59 62	185,488
1880.....	7,803	29 65	231,417
1881.....	7,670	26 34	298,086
1882.....	5,881	47 50	279,360
1883.....	4,583	58 33	267,313
1884.....	10,181	24 63	250,747
1885.....	6,401	32 46	305,123
1886.....	7,884	29 82	235,140
1887.....	7,528	27 25	205,140
1888.....	5,918	25 10	148,340
1889.....	5,626	22 50	126,685

GRAPES.

The following table gives particulars concerning the grape crop of the State for the past thirteen years:

YEAR.	Pounds produced.	Price per pound.	Total value.
1877.....	3,002,748	\$0 03	\$92,782
1878.....	1,322,636	03	57,679
1879.....	3,174,952	03	95,548
1880.....	7,833,011	03	234,991
1881.....	1,115,902	04	55,795
1882.....	1,013,390	04	40,536
1883.....	695,100	05	36,344
1884.....	467,014	05	22,500
1885.....	331,404	04	13,472
1886.....	972,773	04	26,389
1887.....	2,318,401	03	81,837
1888.....	2,273,996	03	75,322
1889.....	2,313,066	03	73,735

WINE.

The following table gives the number of gallons of wine and the value thereof during the past thirteen years.

YEAR.	Acreage.	Ave. yield per acre in gallons	Number of gallons.	Price per gallon.	Total value of wine made.
1877.....	2,612	61	158,944	\$1 20	\$191,933
1878.....	5,178	27	142,964	1 20	171,557
1879.....	2,800	112	326,323	1 30	424,230
1880.....	4,340	122	530,990	1 15	610,638
1881.....	3,663	35	129,830	1 35	175,282
1882.....	3,235	30	96,282	86	82,802
1883.....	3,500	21	73,898	1 20	85,518
1884.....	1,192	21	43,114	1 15	48,605
1885.....	1,447	31	44,936	1 95	43,125
1886.....	2,255	50	112,714	1 05	121,408
1887.....	4,115	58	240,549	65	155,934
1888.....	1,459	80	117,297	95	110,617
1889.....	3,612	21	75,737	95	72,811

WINTER WHEAT.

The area devoted to winter wheat this year, 2,062,388 acres, is seven per cent. larger than last year. The greatest increase in area was in the counties named below, where the area as compared with 1889 was as follows, Clay and Clinton counties, 150 per cent.; Effingham, 144; Gallatin, 180; Hamilton and Jefferson, 125; Macon, 130; Marion, 165; Peoria, 125; Saline, 128. It will be noted that with the exception of Macon and Peoria the counties named are all in the Southern, or wheat growing section of the State.

The average condition of the crop as reported by correspondents is 97 per cent. as compared with December 1, 1888. In many counties the condition is much above an average, and in but two counties (Massac, 62 per cent. and Winnebago, 58,) was the December 1 condition below 75 per cent.

Hessian fly is reported as doing some damage to early sown wheat in the counties of Bond, Brown, Cass, Fulton, Lawrence, Madison, Massac, Menard, Richland, Saline, Sangamon and Washington. The wire worm is also working on some pieces of wheat on sod in Edwards county, but on the whole very little damage has been done and wheat and rye have gone into winter quarters in good shape.

WINTER RYE.

The same conditions govern winter rye as wheat, and all that has been said of the latter may be said of rye, as regards condition.

The area sown to rye this fall, 171,720 acres, is not so large by ten per cent. as that of 1888.

A table published elsewhere in this report gives the area and condition of the crop in each county in the State.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair, average vitality or growth of crops, unaffected by storms, insects or contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The observers of this Department are, as a rule, farmers of extended experience and practical judgment, representative men of public spirit and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this Department during the past thirteen years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

W. C. GARRARD,

Secretary.

AVERAGE YIELD OF CORN.

CROP REPORT.

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NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.										
Av. Yield per Acre in Bu.										Av. Yield per Acre in Bu.										Av. Yield per Acre in Bu.										
COUNTIES.										COUNTIES.										COUNTIES.										
1881	1882	1883	1884	1885	1886	1887	1888	1889		1881	1882	1883	1884	1885	1886	1887	1888	1889		1881	1882	1883	1884	1885	1886	1887	1888	1889		
Boone.....	32	26	21	38	27	18	20	34	22	Adams	32	24	28	33	32	22	25	39	35	Alexander..	12	37	33	28	46	32	20	37	27	
Bureau.....	23	18	20	38	34	25	18	34	35	Brown.....	32	20	16	35	37	17	27	40	35	Boyd.....	3	33	20	21	22	19	2	36	27	
Carroll.....	30	42	18	38	34	25	31	37	40	Calhoun.....	32	40	40	40	35	38	32	54	57	Clay.....	3	29	16	12	22	25	4	30	36	
Cook.....	22	26	14	39	28	21	27	30	33	Cass.....	30	30	34	30	37	25	33	48	42	Clinton...	2	27	35	25	20	6	4	34	23	
DeKalb.....	36	26	20	38	28	21	27	40	37	Champaign...	30	34	40	25	42	40	20	42	35	Crawford...	3	27	32	32	27	26	9	31	40	
DuPage.....	25	25	20	39	27	22	19	27	32	Christian...	22	19	16	29	32	24	22	46	38	Edwards....	2	25	20	15	20	6	28	40		
Grundy.....	22	20	12	32	24	17	28	38	34	Clark.....	19	24	31	28	32	29	7	30	25	Effingham...	6	40	14	20	27	22	6	34	26	
Henderson...	22	22	22	35	32	24	23	50	39	Coates.....	19	24	31	28	32	29	7	30	25	Fayette.....	3	32	20	10	24	21	4	25	25	
Henry.....	18	22	18	26	29	17	18	47	35	Dewitt.....	4	27	24	28	37	32	6	44	51	Franklin...	13	26	32	30	25	40	17	30	34	
Iroquois.....	26	19	27	30	29	23	32	32	26	Douglas...	21	30	31	27	35	34	18	35	38	Hamilton...	1	28	22	25	33	17	7	30	33	
JoDavies...	32	33	24	37	45	20	23	35	32	Edgar.....	27	25	15	24	28	33	15	39	51	Jackson....	8	28	25	32	28	28	30	30	30	
Kane.....	32	25	25	25	30	27	28	24	17	Ford.....	34	20	23	35	34	23	24	55	46	Jasper.....	5	40	23	27	25	25	5	36	25	
Kankakee...	25	18	16	27	28	24	17	38	22	Fulton.....	34	20	23	35	34	23	24	55	46	Jefferson...	2	37	30	13	28	27	5	36	25	
Kendall.....	22	31	21	33	33	25	14	40	36	Greene.....	32	43	40	42	40	30	20	59	40	Johnson...	1	29	35	12	27	6	15	38	28	
Knox.....	29	19	26	34	34	25	28	50	35	Hancock...	25	14	20	32	30	22	28	36	20	Lawrence...	10	34	32	42	28	20	22	32	28	
Lake.....	24	24	20	35	35	27	10	35	48	Jersey.....	19	32	40	32	35	25	22	60	40	Madison....	2	29	29	22	30	21	16	30	30	
LaSalle.....	24	23	18	31	32	27	20	43	39	Logan.....	36	25	28	25	34	30	15	47	30	Marion.....	13	30	35	38	32	17	12	48	53	
Lee.....	24	26	20	30	30	22	26	27	45	Macon.....	30	22	32	38	42	27	20	50	40	Massac....	1	27	25	13	15	19	6	29	31	
Livingston...	26	17	17	25	29	23	17	30	37	Macoupin...	28	24	30	35	35	22	20	46	28	Monroe....	1	32	35	34	33	30	15	10	40	
Marshall.....	30	27	30	32	32	24	35	41	37	Mason.....	25	12	14	23	...	16	16	26	35	Morris....	15	31	42	35	30	15	10	40	40	
McHenry.....	34	27	30	39	49	30	16	38	41	McDonough...	40	20	25	49	...	30	14	42	40	Perry.....	1	27	21	14	26	3	4	27	28	
Mercer.....	33	25	25	36	30	17	22	42	34	McLeary.....	39	18	27	29	32	29	23	46	46	Pulaski....	7	32	25	33	30	25	20	24	38	
Ogle.....	23	25	17	37	35	22	22	53	40	Menard.....	42	26	23	34	33	23	9	39	47	Randolph...	11	42	18	25	35	29	21	31	28	
Peoria.....	26	23	19	26	28	21	25	53	40	Morgan.....	40	26	34	32	30	23	9	39	47	Randolph...	8	32	28	31	28	11	19	33	35	
Putnam.....	22	34	30	43	35	38	19	39	39	Montgomery	10	26	34	32	33	27	26	46	46	Richland...	1	23	15	11	19	15	7	23	32	
Rock Island...	20	25	24	29	31	19	29	44	41	Morgan.....	40	26	34	32	33	27	26	46	46	Saline.....	7	31	25	25	20	18	33	36	36	
Stark.....	28	30	26	37	38	32	26	47	41	Moutrie....	3	10	24	36	33	38	21	40	35	St. Clair...	13	45	38	44	42	22	8	40	42	
Stephenson...	27	16	38	30	20	19	36	30	30	Platt.....	32	24	40	30	35	37	23	50	35	Union.....	15	33	20	34	31	27	8	35	24	
Warren.....	27	24	16	35	46	21	24	49	40	Pike.....	32	24	31	39	33	34	23	43	38	Wabash....	5	28	20	34	31	26	7	38	35	
Whiteside...	23	19	18	...	...	...	...	...	...	Sangamon...	41	21	38	33	41	26	24	53	38	Washington	5	28	27	26	31	27	17	38	35
Will.....	27	22	37	32	25	26	15	37	25	Schuyler....	40	22	53	36	25	29	27	55	35	Wayne....	1	33	40	15	24	5	6	30	32	
Winnebago...	34	29	15	31	23	20	21	35	40	Scott.....	45	27	38	40	39	27	28	67	35	White.....	...	31	24	8	25	13	3	26	30	
Woodford...	32	17	20	35	28	27	25	40	47	Shelby.....	20	28	30	27	34	26	15	44	31	Williamson	...	3	30	35	25	36	25	11	34	36
Average	27	23	22	34	32	24	21	39	35	Tazewell...	30	23	23	27	33	26	21	45	38	Average	6	30	28	24	27	21	12	32	33	

* Estimated.

PRICE OF CROPS DECEMBER 1, 1889.

COUNTIES.	Corn per bushel.	Winter Wheat per bushel.	Spring Wheat per bushel.	Oats per bushel.	Rye per bushel.	Barley per bushel.	Buckwheat per bushel.	White Beans per bushel.	Castor Beans per bushel.	Irish Potatoes per bushel.	Sweet Potatoes per bushel.	Winter Apples per bushel.	Peaches per bushel.	Pears per bushel.	Grapes per bushel.	Flax Seed per bushel.
Adams.....	0 35	0 73	0 64	0 20	0 50	0 50	0 50	1 75	1 90	0 67	0 73	0 73	1 00	1 75	0 04	0 04
Alexander.....	0 39	0 70		0 26	0 40			1 75		0 27	0 35	0 50	0 67	1 00	0 04	0 04
Bond.....	0 24	0 71		0 17	0 37			1 15		0 29	0 53	0 37	0 72	0 87	0 03	0 03
Boone.....	0 26	0 70	0 64	0 18	0 37	0 31	0 50	1 25		0 30	0 63	0 61	1 30	2 00	0 04	1 10
Brown.....	0 24	0 71		0 19	0 45	0 40	0 50	1 50		0 33	0 93	0 61	1 30	2 00	0 04	1 10
Bureau.....	0 27	0 65	0 57	0 18	0 38	0 28		1 00		0 25		0 67	1 50		0 05	
Calhoun.....	0 25	0 70		0 20				1 00		0 39					0 05	
Carroll.....	0 21	0 67	0 62	0 16	0 38	0 25	0 72	1 60		0 21	0 25	0 50	2 00		0 04	
Cass.....	0 25	0 70		0 18	0 40		0 60			0 37	1 00	0 50	1 00	1 00	0 03	
Champaign.....	0 23	0 70	0 65	0 19	0 40		0 60	2 00		0 27	0 60	0 57	1 00	1 00	0 02	
Christian.....	0 22	0 71		0 17	0 37		0 25	1 25		0 26	0 91	0 48	0 94	1 00	0 03	
Clark.....	0 22	0 70		0 15	0 44		0 56	1 40		0 25	0 57	0 34	0 40	0 83	0 03	
Clay.....	0 20	0 77		0 15						0 20	0 75	0 55	0 87	0 75	0 03	
Clinton.....	0 23	0 70		0 15			0 45	1 50	1 85	0 23	0 63	0 43	1 10	0 77	0 03	
Coles.....	0 20	0 73		0 17	0 52		0 17	1 75		0 25	0 62	0 42	0 50	1 00	0 04	
Cook.....	0 30	0 82	0 75	0 20	0 39	0 38	0 52	1 25		0 27	1 00	0 72	2 50	1 50	0 04	1 65
Crawford.....	0 20	0 69		0 16	0 40		0 47	1 40		0 21	0 55	0 35	0 77	0 84	0 02	
Cumberland.....	0 20	0 70		0 13	0 50		0 55	1 50		0 23	0 70	0 38	0 68	1 50	0 02	
DeKalb.....	0 25	0 70	0 62	0 17	0 38	0 37	0 12	1 25		0 25	1 00				0 03	
DeWitt.....	0 23	0 70	0 65	0 19	0 40	0 50	0 75	2 00	3 00	0 28	0 92	0 55	1 17	1 25	0 04	1 10
Douglas.....	0 21	0 72		0 17	0 45		0 17	1 75		0 25	0 87	0 50	0 75	1 00	0 03	1 00
DuPage.....	0 32	0 81	0 80	0 19	0 37		0 15	1 50		0 25		0 75			0 03	1 30
Edgar.....	0 20	0 72		0 16	0 37					0 33	1 00	0 57	0 75		0 02	
Edwards.....	0 23	0 65		0 15			0 15	1 50		0 25	0 35	0 40	0 50	0 50	0 04	
Effingham.....	0 21	0 69		0 15	0 40		0 65	1 50		0 22	0 57	0 42	0 60	1 15	0 03	
Fayette.....	0 22	0 72		0 16						0 30	0 50	0 40	0 50			
Ford.....	0 24	0 75		0 17	0 37					0 23		0 62			0 03	1 10
Franklin.....	0 20	0 72		0 15			0 75	1 50	1 85	0 21	0 25	0 50	0 59	0 75	0 03	
Fulton.....	0 25	0 70		0 18	0 45		0 15	1 50		0 32	1 00	0 90	1 45	1 50	0 04	
Gallatin.....	0 24	0 67		0 18			0 12	1 25		0 22		0 40	1 00		0 02	
Greene.....	0 23	0 69	0 60	0 22	0 40		0 60	1 75		0 25	0 67	0 43	1 00	1 00	0 04	
Grundy.....																
Hamilton.....	0 22	0 72		0 19	0 47		0 70	1 35	1 65	0 22	0 40	0 50		0 50	0 06	
Hancock.....	0 24	0 69		0 16	0 36					0 22	0 75	0 80	1 00		0 04	
Hardin.....	0 20	0 72		0 18			0 10			0 20	0 30	0 40	0 50	0 50	0 02	
Henderson.....	0 21	0 69	0 65	0 19	0 38		0 20	1 00		0 24	1 00	0 96	1 25	2 00	0 03	
Henry.....	0 21	0 69	0 60	0 19	0 38	0 25				0 25		0 75			0 04	
Iroquois.....	0 24	0 70	0 60	0 18	0 35		0 35	2 00		0 28	1 35	0 65	2 00		0 03	0 92
Jackson.....	0 25	0 67		0 15			0 75			0 25	0 57	0 62	1 25	1 50	0 04	
Jasper.....	0 21	0 71		0 16	0 42		0 50	1 20		0 24	0 44	0 46	0 48	0 81	0 04	1 00
Jefferson.....	0 20	0 75		0 15	0 35		0 40	1 25	2 00	0 25	0 25	0 50	0 75		0 03	
Jersey.....	0 22	0 70		0 16	0 40	0 45				0 20	0 25	0 30	0 50	0 75	0 04	
JoDavies.....	0 22	0 77	0 72	0 18	0 37	0 36	0 42	1 00		0 24		0 40			0 05	
Johnson.....	0 23	0 68		0 17			0 14	1 45		0 28	0 37	0 43	0 47	0 75		
Kane.....	0 31	0 70	0 70	0 19	0 39	0 33	0 35	1 50		0 30		1 00			0 04	1 40
Kankakee.....	0 23	0 72	0 55	0 17	0 37		0 35			0 27	1 60	0 47	1 25		0 04	1 00
Kendall.....	0 26	0 75	0 67	0 18	0 37	0 40	0 68	1 25		0 33		0 48	1 75	1 25	0 03	1 15
Knox.....	0 22	0 72	0 68	0 18	0 38	0 40	1 00	1 75		0 27	0 89	1 00	1 50	1 85	0 03	1 25
Lake.....	0 34	0 78	0 76	0 19	0 39	0 36	0 50	1 50		0 29		0 52	2 00	1 00	0 03	1 20
LaSalle.....	0 24	0 76	0 67	0 17	0 39	0 45	0 90	1 10	1 50	0 22	1 00	0 62	1 00		0 04	1 05
Lawrence.....	0 19	0 70		0 15	0 45	0 45	0 50	1 60		0 24	0 72	0 37	0 62	0 90	0 04	
Lee.....	0 25	0 75	0 70	0 17	0 38	0 40	0 42	1 50		0 19	1 00	0 37			0 01	

PRICE OF CROPS DECEMBER 1, 1889—Continued.

COUNTIES.	Corn per bushel.	Winter Wheat per bushel.	Spring Wheat per bushel.	Oats per bushel.	Rye per bushel.	Barley per bushel.	Buckwheat per bushel.	White Beans per bushel.	Castor Beans per bushel.	Irish Potatoes per bushel.	Sweet Potatoes per bushel.	Winter Apples per bushel.	Peaches per bushel.	Pears per bushel.	Grapes per bushel.	Flax seed per bushel.
Livingston.	24	0 60	0 50	0 18	0 32	0 32	0 50	1 50	...	0 25	1 00	0 53	1 00	...	0 03	1 60
Logan.	23	69	...	16	...	...	...	...	...	32	75	67	75	2 00	03	...
Macon.	21	72	...	17	...	...	...	...	...	32	75	57	1 85	1 00	03	...
Macoupin.	21	71	...	18	...	...	...	1 00	...	26	60	45	75	90	03	...
Madison.	25	76	...	18	45	40	...	...	...	27	50	45	1 25	85	03	...
Marion.	20	71	...	15	52	40	...	...	1 25	20	53	55	70	93	04	1 30
Marshall.	23	65	63	18	36	32	80	1 50	...	23	1 15	60	1 35	1 85	03	...
Mason.	21	75	...	15	50	...	...	...	1 25	15	...	40	...	1 00	02	...
Massac.	21	70	...	20	...	...	...	1 50	...	22	32	45	70	70	05	...
McDonough.	25	65	55	18	40	...	50	1 50	...	40	1 00	1 00	1 00	2 00	05	...
McHenry.	28	80	52	19	42	37	65	1 50	...	22	1 00	58	...	1 00	04	1 00
McLean.	24	70	...	19	37	...	...	...	...	25	87	65	...	...	...	...
Menard.	24	70	...	18	40	...	...	1 50	...	27	81	77	1 00	83	04	...
Mercer.	20	70	60	17	37	...	50	3 00	...	22	1 10	62	2 00	...	04	...
Monroe.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montgomery.	23	71	...	18	40	...	...	1 50	...	29	1 00	42	1 00	83	03	...
Morgan.	24	71	...	18	35	...	...	...	...	43	75	64	1 00	1 25	07	...
Moultrie.	23	70	...	17	...	...	...	...	...	35	...	...	...	...	...	...
Ogle.	25	67	66	18	40	35	55	1 15	...	32	1 10	58	...	...	03	...
Peoria.	26	67	60	20	40	...	...	1 50	...	22	1 00	87	2 00	...	04	...
Perry.	23	67	...	17	...	...	75	1 00	...	20	35	50	87	1 06	05	09
Piatt.	22	72	...	18	30	...	...	2 50	...	35	75	50	1 00	1 50	03	...
Pike.	23	71	...	20	40	...	...	2 20	...	33	80	62	87	1 50	04	...
Pope.	22	69	...	17	43	...	...	1 00	...	20	33	57	62	83	05	...
Pulaski.	30	68	...	24	...	...	40	1 40	1 20	27	43	75	63	83	04	...
Putnam.	24	65	60	17	40	...	...	...	...	25	80	55	2 00	1 50	03	...
Randolph.	26	70	...	21	50	...	70	1 35	1 85	21	37	26	57	62	04	1 00
Richland.	20	64	...	16	44	...	37	1 35	...	20	55	37	51	50	02	...
Rock Island.	19	75	68	17	42	45	...	...	...	18	30	60	1 50	...	03	...
Saline.	20	68	...	17	50	...	60	1 25	1 30	20	29	45	53	52	03	1 25
Sangamon.	24	71	...	19	...	...	...	...	...	38	75	77	1 00	2 00	02	...
Schuyler.	25	70	...	17	40	...	...	2 00	...	28	90	50	75	...	02	...
Scott.	22	70	...	21	50	...	...	1 50	...	30	1 25	87	75	1 00	03	...
Shelby.	21	67	...	15	45	...	45	2 00	...	23	57	43	67	1 50	03	1 00
Stark.	26	70	62	20	37	...	...	2 50	...	25	1 00	93	2 25	...	04	1 00
St. Clair.	27	73	...	19	50	...	...	...	...	20	42	53	1 10	92	03	...
Stephenson.	26	72	74	17	38	37	45	1 30	...	21	50	71	4 00	...	08	...
Tazewell.	23	69	62	18	37	45	40	1 40	...	26	63	72	1 35	85	04	...
Union.	30	65	...	25	...	...	...	...	...	27	37	50	55	1 00	02	...
Vermilion.	24	71	...	16	40	...	...	2 10	...	32	1 00	81	1 00	2 00	04	1 10
Wabash.	21	69	...	17	55	...	40	1 40	...	22	62	47	...	78	02	...
Warren.	20	67	62	19	35	...	50	2 00	...	25	1 15	70	1 30	3 00	03	...
Washington.	25	72	...	18	40	...	...	1 10	1 60	21	49	40	54	57	04	...
Wayne.	20	65	...	15	...	...	40	...	1 25	20	40	50	...	50	04	...
White.	23	69	...	16	47	...	75	1 25	...	22	45	42	60	75	03	...
Whiteside.	20	65	65	16	35	...	...	1 50	...	30	...	75	...	...	03	...
Will.	25	...	...	18	35	...	...	1 00	...	25	...	50	...	1 50	03	1 25
Williamson.	21	65	...	16	47	...	1 00	1 00	1 80	21	33	47	60	81	06	...
Winnebago.	28	67	67	19	39	30	42	1 40	...	28	1 40	87	2 50	...	05	...
Woodford.	24	62	...	19	...	...	...	2 40	...	30	1 25	50	1 50	...	02	...

PRICE OF CROPS DECEMBER 1, 1889.

COUNTIES.	Timothy Seed per bushel.	Clover Seed per bushel.	Hungarian and Millet Seed per bushel.	Clover Hay per ton.	Timothy Hay per ton.	Prairie Hay per ton.	Hungarian and Millet Hay per ton.	Broom Corn per ton.	Leaf Tobacco per pound.	Native Wine per gallon.	Sorghum Molasses per gallon.	Wool per pound.	Milch Cows per head.	Butter per pound.	Cheese per pound.	Milk per gallon.	Cream per gallon.
Adams.....	1 50 3 00																
Alexander.....	1 55 3 75	0 60	6 00	5 15	7 35		6 00					30	20	20		0 20	
Bond.....	1 35 3 60		4 50	5 85			4 00			1 00		30	23	12 0	15	10	
Boone.....	1 20 2 80		4 60	5 75	4 25							30	27	20	10	08	
Brown.....	1 75 2 80		4 25	5 75			6 00	60		1 00		50	23	24	13	20	10
Bureau.....	1 45 3 35		3 65	5 35	3 00							50	21	16	11		25
Calhoun.....	1 75 3 60		7 00	10 00						60		40	20	22	17	20	
Carroll.....	1 75 3 25		4 00	5 85	4 50			100				50	25	18	15		20
Cass.....			5 00	7 00	5 00							25	25	17			
Champaign.....	1 65 3 65	40	3 50	6 00	4 00	3 50						40	23	25	15	10	50
Christian.....	1 40 3 10		3 00	5 20						80		38	22	22	16	14	40
Clark.....	1 75 3 00	1 05	4 50	5 00				67 0 11	1 50			27	23	20	13	15	
Clay.....	2 00 4 00		5 00	6 00	3 00							27	23	20	15		
Clinton.....	2 40 3 50	80	4 50	6 15	3 75	5 00						32	26	23	17	11	
Coles.....	1 70 3 25	67	3 60	4 90	3 75		51		1 00			43	23	23	15	10	75
Cook.....	1 15 3 65		6 00	7 60	5 35	5 00			1 00			60	20	30	23	11	1 00
Crawford.....	1 35 3 25	53	4 75	5 75		4 15		09	2 00			35	24	20	12	15	35
Cumberland.....	1 50 3 50	50	3 00	5 50			60	09				32	27	21	11		
DeKalb.....	1 10 2 75		5 00	6 50	5 00	3 50						25	31	22		10	1 00
DeWitt.....	1 75 3 65	40	3 15	5 35		3 00			2 00			47	22	24	11	14	28
Douglas.....	1 40 3 50	40	3 00	4 50		4 00	62					35	23	27	16	15	
DuPage.....	1 35 3 50	42	5 50	7 25	5 50							25	25	25	10		
Edgar.....	1 15 3 50	80	2 50	5 35		3 15	100					40	20	27	11	15	20
Edwards.....	1 75 2 25		5 00	7 00				10				35	20	23	12	09	
Effingham.....	1 60 3 65	48	4 00	5 85	4 00	4 00			1 00			31	18	22	14	15	30
Fayette.....	1 15 3 00		4 00	5 50								27	17	10			
Ford.....	1 35 3 05		4 00	5 40	4 00							45	22	22	16		
Franklin.....	1 50 2 85	60	5 00	6 10		4 00		04				31	29	21	12		
Fulton.....	1 75 3 00		5 75	6 40	6 00							47	14	27	15	12	45
Galatin.....	1 75 3 50		6 00	9 00				02 75				28	30	17	15		
Greene.....	1 30 3 15		4 85	6 85	3 00			15				40	35	22	17		
Grundy.....																	
Hamilton.....	1 80 3 75	60	6 75	7 00		5 00		02				25	29	21	11	12	
Hancock.....	1 25 3 25	40	3 50	5 00	5 00	3 00						50	20	22	15		
Hardin.....	1 3 50		8 00	9 00					2 00			25	20	15		10	20
Henderson.....	1 65 3 70		3 30	5 00	2 50	3 50						46	19	22	16	13	33
Henry.....	1 10 3 00		4 25	5 25	3 00		65					50	23	25	17	12	
Iroquois.....	1 25 2 85	50	3 20	5 30	2 75	4 00						47	24	20	17	11	20
Jackson.....	1 3 25		8 00	11 00								42	21	22	20	15	
Jasper.....	1 20 4 10	50	4 50	5 15	4 00	4 00	55	09	75			28	26	20	11	12	
Jefferson.....	75 3 50	40	6 00	6 00		5 00						28	30	22	16		
Jersey.....	1 20 3 25	60	5 00	9 00								35	24	20	15	10	08 30
JoDavies.....	1 25 3 50		2 75	4 75	3 50			07				50	25	19	16	10	05 67
Johnson.....	1 3 40		6 00	9 00		8 00						28	34	19	15		
Kane.....	1 25 3 50	42	4 65	5 35	4 85	6 00						25	30	25	10	11	42
Kankakee.....	1 15 3 85		4 15	5 65	3 50				50			47	23	19	12	18	1 00
Kendall.....	1 10 3 65		4 50	5 60	4 00	3 50			2 00			20	27	19	10	13	60
Knox.....	1 55 2 95	80	3 60	4 40	4 75	3 35	65		1 10			46	24	27	18	12	11
Lake.....	1 50 3 35		5 65	6 50	4 50				1 00			60	23	31	23	08	10 39
LaSalle.....	1 15 3 65	55	5 00	6 25	4 00							47	19	26	18	12	20 42
Lawrence.....	1 60 3 25		3 75	6 25								30	20	20	15	10	15 40
Lee.....	1 25 3 00		4 00	5 00	4 00							30	25	21	* 11	20	60

PRICE OF CROPS DECEMBER 1, 1889—Continued.

COUNTIES.	Timothy seed per bushel.	Clover Seed per bushel.	Hungarian and Millet Seed per bushel.	Clover Hay per ton.	Timothy Hay per ton.	Prairie Hay per ton.	Hungarian and Millet Hay per ton.	Broom Corn per ton.	Leat Tobacco per pound.	Native Wine per gallon.	Sorghum Molasses per gallon.	Wool per pound.	Milch Cows per head.	Butter per pound.	Cheese per pound.	Milk per gallon.	Cream per gallon.
Livingston	1 30	65	0 60	4 35	5 50	5 00	4 00	...	...	...	0 43	0 24	0 21	0 16	0 12	0 21	0 25
Logan	1 50	4 50	...	4 50	7 00	...	...	...	...	...	50	22	20	14	...	...	...
Macon	1 50	4 00	...	5 00	6 65	...	...	...	...	...	50	23	26	14	20	...	...
Macoupin	1 40	2 95	...	2 85	4 75	...	...	...	...	...	50	24	24	12	...	...	...
Madison	...	4 25	...	6 00	8 50	...	...	...	...	...	...	30	30	20	06	12	42
Marion	1 50	3 65	40	4 00	5 25	4 00	3 50	...	10	...	32	22	17	15	17	17	...
Marshall	1 35	3 25	55	3 65	4 65	3 75	2 00	...	...	90	50	30	29	15	11	20	40
Mason	1 25	3 00	...	4 00	6 00	...	...	...	...	50	35	...	25	18	10	20	...
Massac	...	3 25	...	8 00	10 00	...	...	...	...	...	26	...	17	15	12	20	...
McDonough	1 50	3 50	...	4 00	6 00	...	...	...	...	1 25	40	25	30	15	15	20	40
McHenry	1 85	2 85	47	4 35	5 65	3 50	5 00	...	...	...	50	25	28	23	11	07	...
McLean	1 35	3 35	...	3 65	5 00	...	...	...	...	...	50	22	26	16	...	20	...
Menard	1 75	3 95	...	4 50	5 80	...	5 00	...	...	...	47	22	23	13	...	20	...
Mercer	1 30	3 40	...	4 00	4 65	...	...	...	...	...	50	22	25	17	12	...	26
Monroe	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montgomery	1 50	3 95	...	3 85	5 50	...	3 50	...	...	...	37	24	23	11	12	20	...
Morgan	1 75	2 85	...	4 00	6 00	...	...	...	...	1 20	50	23	27	15	...	...	75
Moultrie	...	...	...	...	...	...	...	60	...	...	...	...	...	...	...	...	...
Ogle	1 15	2 85	...	2 50	4 50	4 00	3 00	...	...	75	40	...	23	19	...	...	21
Peoria	1 35	3 00	45	4 25	8 00	5 00	...	...	...	...	50	22	26	17	14	...	...
Perry	1 60	3 25	...	7 00	7 00	...	...	...	...	1 00	25	27	25	17	08	12	40
Piatt	1 00	2 75	...	3 50	5 50	...	...	...	...	...	50	...	25	12	...	...	...
Pike	1 85	2 80	...	5 65	8 35	...	...	...	...	...	50	21	23	14	15	...	...
Pope	2 75	2 65	...	6 35	8 00	...	...	...	...	...	23	29	18	12	10	20	...
Pulaski	1 55	3 65	1 50	6 35	9 65	...	6 00	...	08	1 00	55	30	17	23	12	15	20
Putnam	1 35	3 05	...	3 35	5 35	5 00	...	...	...	...	48	...	25	13	...	...	...
Randolph	1 30	3 10	60	6 00	8 00	...	5 00	...	15	...	33	22	21	13	10	12	...
Richland	1 55	3 10	...	5 10	6 35	...	...	60	06	...	27	24	16	13	09	13	40
Rock Island	1 10	3 10	...	5 50	7 35	6 50	...	...	...	...	45	21	27	18	09	...	...
Saline	1 75	3 24	40	6 50	7 65	5 00	5 00	...	03	50	22	32	16	13	10	15	50
Sangamon	1 80	3 25	...	5 00	7 00	...	...	...	...	...	50	23	27	19	...	...	...
Schuyler	1 20	2 75	...	3 00	5 00	...	...	...	...	...	40	...	15	15	...	...	60
Scott	1 50	3 25	...	5 50	7 00	...	...	...	...	...	50	22	30	12	11	20	40
Shelby	2 30	3 50	60	4 00	5 85	...	2 00	...	...	50	35	22	19	12	13	10	20
Stark	1 35	3 10	...	4 20	5 60	6 50	5 00	60	...	...	54	23	27	16	13	20	40
St. Clair	2 00	3 75	60	5 00	11 00	...	3 00	...	...	65	40	20	25	18	12	14	60
Stephenson	1 15	3 20	...	4 40	6 20	5 00	...	...	08	...	53	26	26	14	10	07	78
Tazewell	...	4 00	40	3 75	5 25	6 00	4 00	...	...	1 00	40	17	26	16	13	16	40
Union	...	3 25	...	6 00	9 00	...	...	...	...	...	35	20	20	15	...	...	...
Vermilion	1 40	3 15	1 00	3 50	4 85	...	3 00	...	...	...	40	20	21	16	10	...	28
Wabash	1 65	3 00	...	6 00	8 00	...	...	50	...	...	37	25	21	17	10	20	50
Warren	1 35	3 15	...	3 75	4 85	5 00	...	...	...	1 00	46	20	27	16	13	20	62
Washington	1 40	3 95	45	4 65	7 25	...	4 65	...	12	80	34	27	22	19	12	10	...
Wayne	1 25	2 50	...	3 00	5 00	...	2 50	...	06	1 50	30	25	20	10	12	20	30
White	1 70	3 50	...	5 40	7 85	...	...	...	05	2 00	31	26	20	13	12	10	23
Whiteside	1 75	...	...	5 00	5 25	3 50	...	...	...	...	40	...	25	18	13	...	...
Will	1 00	3 00	...	4 00	6 50	4 00	...	...	...	...	40	...	25	20	10	15	20
Williamson	1 50	2 80	...	6 40	8 00	...	...	...	03	...	31	28	21	18	08	...	...
Winnebago	1 50	3 25	...	5 10	6 80	5 75	...	...	...	...	32	23	25	22	11	...	40
Woodford	1 80	3 15	75	4 25	6 00	5 00	5 60	...	...	...	50	...	27	15	06	...	...

CORN.

COUNTIES.	Average 1889, returned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Adams	76,677	35	2,683,695	\$0 25	\$670,924	\$8 90	\$682,425		\$11,501
Alexander	8,268	27	223,236	29	64,738	9 60	79,373		14,635
Bond	46,602	27	1,258,254	24	301,981	7 85	365,826		63,845
Boone	32,674	22	718,828	26	186,895	11 55	377,385		190,490
Brown	25,967	35	908,845	24	218,123	*8 15	211,631	\$6,492	
Bureau	152,379	35	5,353,265	27	1,439,981	9 90	1,508,552		68,571
Calboun	712,334	50	641,700	25	160,415	12 75	153,633	6,782	
Carroll	67,175	40	2,687,000	21	564,270	9 10	611,292		47,022
Cass	43,062	30	1,291,860	25	322,965	9 95	428,467		105,502
Champaign	231,750	35	8,111,250	23	1,865,587	9 90	2,294,325		428,738
Christian	113,488	38	4,312,544	22	948,760	10 20	1,157,578		208,818
Clark	46,005	25	1,150,125	22	253,027	7 85	361,139		108,112
Clay	36,026	36	1,318,536	20	263,707	7 30	267,370		36,603
Clinton	46,512	23	1,069,776	23	246,048	10 05	497,446		221,398
Coles	49,558	37	1,893,646	20	366,729	8 80	436,110		69,381
Cook	46,293	30	1,388,790	30	416,637	11 80	546,257		129,620
Crawford	35,019	40	1,400,360	20	280,072	8 85	309,830		29,758
Cumberland	29,270	40	1,170,800	20	234,160	5 80	169,766	64,594	
DeKalb	106,481	37	3,939,797	25	984,949	12 05	1,283,096		298,147
DeWitt	82,276	30	2,468,280	23	567,704	8 95	736,370		168,666
Douglas	79,542	38	3,022,596	21	634,745	12 00	954,504		319,759
DuPage	32,433	32	1,037,856	32	332,114	9 99	321,087	11,027	
Edgar	87,502	38	3,325,076	20	665,015	10 00	875,020		210,005
Edwards	18,222	40	728,880	23	167,642	*8 50	154,887	12,755	
Efingham	+44,327	26	1,152,502	21	242,025	5 65	250,447		8,422
Fayette	42,677	25	1,066,925	22	234,723	8 05	343,550		108,827
Ford	+111,817	51	5,702,667	24	1,368,640	9 46	1,056,670	311,970	
Franklin	24,719	34	840,446	20	168,089	12 10	299,100		131,011
Fulton	91,357	46	4,232,422	25	1,050,605	11 55	1,055,173		4,568
Gallatin	+20,432	36	737,352	24	176,964	8 50	174,097	2,867	
Greene	58,006	40	2,320,240	23	533,655	12 40	719,274		185,619
Grundy	82,618	*34	2,809,012	*24	674,163	12 75	1,053,379		379,216
Hamilton	30,992	33	1,022,736	22	225,002	8 80	275,829		50,827
Hancock	94,339	29	2,755,831	24	656,599	10 95	1,023,578		366,979
Hardin	11,245	30	337,350	20	67,470	9 70	109,076		41,606
Henderson	54,655	39	2,131,545	21	447,624	12 95	707,742		260,158
Henry	149,779	35	5,242,265	21	1,100,876	9 05	1,355,500		254,624
Iroquois	228,605	26	5,943,730	24	1,426,495	7 85	1,794,549		368,054
Jackson	+19,845	35	694,575	25	173,844	12 85	255,008		81,364
Jasper	39,158	25	978,950	21	205,579	7 00	274,106		68,527
Jefferson	45,097	38	1,713,686	20	342,737	5 45	245,779	96,958	
Jersey	36,716	40	1,468,640	22	323,101	9 05	332,280		9,179
JoDavies	57,396	32	1,836,672	22	404,068	10 90	332,616		221,548
Johnson	8,197	28	229,516	23	52,789	9 80	80,331		27,542
Kane	61,573	28	1,224,044	31	534,454	12 65	778,893		244,444
Kankakee	90,935	32	2,909,920	23	669,282	8 15	741,120		186,631
Kendall	58,505	36	2,106,180	26	547,607	12 55	734,238		148,034
Knox	109,662	35	3,898,170	22	844,397	9 05	992,431		590,284
Lake	25,670	48	1,232,160	34	418,934	*14 00	359,380	59,554	
LaSalle	215,432	39	8,401,848	24	2,016,443	12 10	2,606,727		214,081
Lawrence	43,690	30	1,310,700	19	249,033	10 60	463,114		365,828
Lee	118,009	26	3,068,234	25	757,058	9 60	1,132,886		

CORN—Continued.

COUNTIES.	Acreage 1888, returned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Livingston	233,188	40	9,327,520	\$0 24	\$2,238,605	\$7 40	\$ 1,725,591	\$513,014	.....
Logan	136,719	30	4,101,570	23	943,361	9 75	1,333,010	.....	\$389,649
Macon	100,721	40	4,028,840	21	846,056	11 40	1,148,219	.....	302,163
Macoupin	92,416	28	2,587,648	24	621,035	6 95	642,291	.....	21,256
Madison	85,448	53	4,528,744	25	1,132,186	9 65	824,573	307,613	.....
Marion	36,909	31	1,144,179	20	228,836	7 45	274,972	.....	46,136
Marshall	71,065	37	2,629,405	25	657,351	8 55	607,606	49,745	.....
Mason	82,851	35	2,899,785	22	637,953	11 40	944,501	.....	306,548
Massac	17,817	32	570,144	27	153,939	8 80	156,790	.....	2,851
McDonough	39,552	40	1,582,080	25	395,520	10 25	405,407	.....	9,887
McHenry	62,487	41	2,561,967	28	717,351	16 25	1,015,414	.....	298,063
McLean	226,064	46	10,398,944	24	495,746	9 50	2,147,608	348,138	.....
Menard	76,940	44	3,385,360	24	812,486	9 55	744,777	67,709	.....
Mercer	82,028	34	2,788,952	20	557,190	10 50	861,294	.....	303,504
Monroe	17,916	40	716,640	*26	186,326	11 90	213,200	.....	26,874
Montgomery	99,478	27	2,685,906	23	617,758	9 65	959,962	.....	342,204
Morgan	95,295	44	4,192,980	24	1,006,315	7 60	724,242	282,073	.....
Moultrie	53,137	35	1,859,795	23	427,753	7 65	406,498	21,255	.....
Ogle	122,677	34	4,171,018	25	1,042,754	11 25	1,380,116	.....	337,362
Peoria	68,454	40	2,737,360	26	711,714	10 90	745,931	.....	34,217
Perry	7,142	28	199,976	23	45,994	7 05	50,351	.....	4,357
Piatt	66,402	35	2,324,070	22	511,295	7 80	517,936	.....	6,641
Pike	71,369	38	2,712,022	23	623,765	*10 30	735,101	.....	111,336
Pope	*18,892	38	717,896	22	157,937	10 85	204,978	.....	47,041
Pulaski	15,234	28	426,552	30	127,966	12 15	185,093	.....	57,127
Putnam	25,717	39	1,002,963	24	240,711	10 50	270,028	.....	29,317
Randolph	26,668	35	933,380	26	242,679	7 40	197,343	45,336	.....
Richland	32,646	32	1,044,672	20	208,934	8 85	288,917	.....	79,953
Rock Island	51,743	42	2,173,206	19	412,909	9 65	499,320	.....	86,411
Saline	33,880	36	1,219,680	20	243,936	10 85	367,598	.....	123,662
Sangamon	133,110	38	5,058,180	24	1,213,963	10 45	1,390,999	.....	177,036
Schuyler	742,142	35	1,474,970	25	368,742	7 00	294,994	73,748	.....
Scott	15,678	35	548,730	22	120,721	11 90	186,568	.....	65,847
Shelby	73,498	31	2,278,438	21	478,472	8 70	639,433	.....	160,961
Stark	59,846	41	2,453,686	26	637,958	12 15	727,129	.....	89,171
St. Clair	57,719	42	2,424,198	27	654,533	*9 85	688,532	86,001	.....
Stephenson	70,090	30	2,102,700	26	546,702	9 95	697,396	.....	150,694
Tazewell	99,468	36	3,580,848	23	825,595	8 20	815,638	7,957	.....
Union	20,278	24	486,672	30	146,002	*11 80	239,280	.....	93,278
Vermilion	141,472	34	4,810,048	24	1,154,411	*9 95	1,407,646	.....	253,235
Wabash	21,176	35	741,160	21	155,644	9 30	196,937	.....	41,293
Warren	96,863	40	3,874,520	20	774,904	10 60	1,026,748	.....	251,844
Washington	*37,393	32	1,196,576	25	299,144	7 90	295,405	3,739	.....
Wayne	35,695	30	1,070,850	20	214,170	6 95	248,090	.....	33,910
White	51,278	36	1,846,008	23	424,582	8 85	453,810	.....	29,228
Whiteside	102,430	27	2,765,610	20	553,122	9 40	962,842	.....	409,720
Will	113,833	25	2,845,825	25	711,456	10 80	1,229,396	.....	517,940
Williamson	11,665	39	454,935	21	95,536	14 50	169,142	.....	73,606
Winnebago	69,971	25	1,749,275	28	489,797	9 30	650,730	.....	160,933
Woodford	101,719	47	4,780,793	24	1,147,390	8 85	900,213	247,177	.....
Total or av....	6,988,267	35	247,980,589	\$0 23	\$58,337,049	\$9 75	\$68,272,872	\$2,626,304	\$12,562,127

*Estimated.

†Estimated same as in 1888.

WINTER GRAIN.

COUNTIES.	WHEAT.				RYE.			
	Acreage 1889, re- turned by As- sessors.	Acreage 1890, com- pared with 1889.	Acreage 1890 crop.	Condition Dec. 1, 1889.	Acreage 1889, re- turned by As- sessors.	Acreage 1890, com- pared with 1889.	Acreage 1890 crop.	Condition Dec. 1, 1889.
Adams.....	68,328	97	66,278	88	602	87	523	87
Alexander.....	9,633	107	10,307	97	.....	.....	.....	.....
Bond.....	17,505	112	19,607	98	347	92	319	97
Boone.....	255	90	229	87	2,551	77	2,118	77
Brown.....	24,933	100	24,933	105	130	100	130	100
Bureau.....	1,062	106	1,062	75	4,672	100	4,672	92
Calhoun.....	116,122	105	16,928	100	.....	.....	.....	.....
Carroll.....	2,188	100	2,188	95	8,376	93	7,790	85
Cass.....	27,619	*103	28,447	105	487	100	487	*102
Champaign.....	17,392	110	19,131	103	1,598	100	1,598	100
Christian.....	45,506	104	47,326	100	507	98	497	98
Clark.....	15,444	109	16,834	102	542	100	542	102
Clay.....	2,634	*150	3,951	105	33	85	28	100
Clinton.....	48,104	*150	72,150	87	219	70	153	85
Coles.....	11,106	103	11,439	100	238	100	238	100
Cook.....	50	100	50	110	2,145	103	2,209	97
Crawford.....	18,465	112	20,681	104	168	72	121	100
Cumberland.....	7,848	113	8,868	100	326	87	284	100
DeKalb.....	347	100	347	75	6,200	100	6,200	87
DeWitt.....	4,545	113	5,136	112	701	93	652	108
Douglas.....	6,676	110	7,344	110	523	104	523	110
DuPage.....	139	100	139	95	5,764	90	5,188	85
Edgar.....	24,194	90	21,775	92	2,682	83	2,226	92
Edwards.....	12,281	115	14,123	119	27	*99	27	*101
Effingham.....	115,108	144	21,755	99	1746	100	746	100
Fayette.....	9,861	110	10,847	90	428	100	428	90
Ford.....	+605	*95	575	100	11,942	93	1,806	98
Franklin.....	3,417	105	3,588	107	34	*116	39	*98
Fulton.....	45,878	94	43,125	96	798	94	750	101
Gallatin.....	+13,092	180	23,566	92	9	100	9	100
Greene.....	51,027	106	54,089	103	324	97	314	101
Grundy.....	1,357	*88	1,194	*97	733	*95	696	*95
Hamilton.....	1,668	125	2,185	117	25	200	50	90
Hancock.....	40,910	113	46,228	102	887	93	825	100
Hardin.....	6,183	110	6,801	90	7	98	7	*100
Henderson.....	8,138	92	7,487	94	2,919	81	2,364	98
Henry.....	521	*94	490	100	7,796	75	5,847	95
Iroquois.....	1,973	*95	1,874	100	3,457	95	3,284	100
Jackson.....	+33,557	105	35,235	97	+143	109	156	*98
Jasper.....	6,132	107	6,561	102	112	100	112	100
Jefferson.....	5,413	125	6,766	95	22	100	22	100
Jersey.....	42,121	110	46,333	100	159	96	153	*100
Jo Daviess.....	4,224	100	4,224	92	4,858	99	4,809	90
Johnson.....	6,894	115	7,928	93	20	95	19	100
Kane.....	213	100	213	95	7,996	73	5,837	92
Kankakee.....	1,418	80	1,134	95	4,395	92	4,043	87
Kendall.....	1,195	83	163	97	3,990	100	3,990	100
Knox.....	6,441	97	6,248	101	2,987	83	2,479	104
Lake.....	386	88	34	82	1,590	77	1,201	85
LaSalle.....	3,554	98	3,483	102	1,371	100	1,371	102
Lawrence.....	26,497	110	29,147	97	226	*90	203	*96
Lee.....	224	108	242	100	6,437	97	6,244	100

WINTER GRAIN—Continued.

COUNTIES.	WHEAT.				RYE.			
	Acreage 1889, re- turned by As- sessors.	Acreage 1890, com- pared with 1889.	Acreage 1890 crop.	Condition Dec. 1, 1889.	Acreage 1889, re- turned by As- sessors.	Acreage 1890, com- pared with 1889.	Acreage 1890 crop.	Condition Dec. 1, 1889.
Livingston.....	2,111	92	1,942	92	1,495	80	1,196	85
Logan.....	41,995	110	46,194	102	96	110	106	*105
Macon.....	1,407	130	1,829	107	257	100	257	120
Macoupin.....	70,298	101	71,001	101	222	90	200	100
Madison.....	93,856	107	100,426	116	165	100	165	100
Marion.....	2,324	165	3,835	112	147	100	147	125
Marshall.....	1,110	93	1,032	92	640	99	634	100
Mason.....	60,169	100	60,169	100	768	100	768	100
Massac.....	17,808	110	19,589	62	154	25	38	95
McDonough.....	7,322	110	8,054	100	264	100	264	100
McHenry.....	500	99	495	100	4,042	90	3,637	70
McLean.....	8,262	100	8,262	97	980	87	853	100
Menard.....	22,160	107	23,711	102	600	100	600	105
Mercer.....	1,221	75	916	88	5,002	87	4,352	104
Monroe.....	56,907	110	62,598	95	255	*102	260	-----
Montgomery.....	57,302	112	64,178	111	715	100	715	100
Morgan.....	49,466	101	49,961	102	313	103	322	103
Moultrie.....	2,614	*112	2,928	100	198	98	194	-----
Ogle.....	2,339	77	1,801	90	10,618	87	9,238	93
Peoria.....	9,598	125	11,997	85	1,109	75	832	75
Perry.....	9,364	105	9,832	108	27	97	26	190
Piatt.....	4,253	120	5,104	110	208	96	200	-----
Pike.....	75,854	107	81,142	100	179	100	179	100
Pope.....	*13,522	85	11,494	85	49	95	8	95
Pulaski.....	11,958	87	10,403	83	-----	-----	-----	-----
Putnam.....	538	95	511	99	393	95	373	100
Randolph.....	76,274	107	81,613	95	386	105	405	97
Richland.....	8,935	118	10,543	90	273	97	265	93
Rock Island.....	404	100	404	90	4,616	90	4,154	95
Saline.....	10,819	128	13,848	97	35	100	35	100
Sangamon.....	55,116	112	61,730	103	537	100	537	100
Schuyler.....	†40,714	105	42,750	110	*857	100	857	100
Scott.....	13,422	*104	13,959	100	168	100	168	100
Shelby.....	19,465	97	18,881	104	881	92	810	100
Stark.....	260	92	239	85	1,171	84	984	92
St. Clair.....	108,350	105	113,767	102	324	100	324	107
Stephenson.....	3,076	90	2,768	86	20,545	93	19,107	86
Tazewell.....	35,533	107	38,020	99	329	75	247	100
Union.....	25,736	105	27,023	97	169	90	152	97
Vermilion.....	15,992	95	15,192	105	1,914	90	1,723	97
Wabash.....	21,755	101	21,972	92	-----	-----	-----	-----
Warren.....	2,421	109	2,639	105	1,101	90	991	102
Washington.....	*76,053	104	79,074	99	*668	100	668	100
Wayne.....	3,472	120	4,166	110	38	110	42	110
White.....	37,340	119	44,435	95	202	90	181	100
Whiteside.....	719	100	719	100	12,922	87	11,242	105
Will.....	2,519	*92	2,317	*99	6,861	125	8,576	100
Williamson.....	6,955	103	7,164	95	74	100	74	100
Winnebago.....	665	62	412	58	13,028	74	9,641	67
Woodford.....	7,178	115	8,255	100	664	95	631	100
Total or average.....	1,916,770	107	2,062,388	97	190,039	90	171,707	97

*Estimated.

†Estimated same as in 1888.

PASTURES AND SORCHUM.

COUNTIES.	PASTURES.			SORGHUM.				
	Acreage 1889, re- turned by As- sessors.	Value per acre for season of 1889.	Total value.	Acreage 1889, re- turned by As- sessors.	No. of gallons of syrup per acre.	Total number of gallons produc- ed.	Price per gallon.	Value of product.
Adams.....	61,657	\$4 00	\$270,628	209	*99	20,691	\$0 50	\$10,345
Alexander.....	425	4 00	1,700	35	110	3,850	30	1,155
Bond.....	35,421	2 60	92,095	231	82	18,942	30	5,683
Boone.....	54,114	2 65	143,402					
Brown.....	25,580	3 15	80,577	98	99	9,702	50	4,851
Bureau.....	120,965	4 50	544,342	68	125	8,500	50	4,250
Calhoun.....	*11,886	4 00	47,544					
Carroll.....	72,051	5 00	360,255	37	50	1,850	50	925
Cass.....	20,841	2 50	52,102	20	100	2,000	*44	880
Champaign.....	114,506	3 50	400,771	107	*99	10,593	40	4,237
Christian.....	74,871	3 65	273,279	25	100	2,500	38	950
Clark.....	53,206	4 75	252,728	316	68	21,488	27	5,802
Clay.....	25,258	1 50	37,887	288	50	14,400	27	3,888
Clinton.....	26,653	2 40	63,967	44	52	2,288	32	732
Coles.....	30,377	3 15	95,687	90	100	9,000	43	3,870
Cook.....	78,394	1 50	117,591					
Crawford.....	30,989	2 10	65,077	185	107	19,795	35	6,928
Cumberland.....	18,921	3 00	56,763	256	145	37,120	32	11,878
DeKalb.....	116,019	5 00	580,095					
DeWitt.....	60,659	3 15	191,076	7	100	700	47	329
Douglas.....	54,361	3 00	162,083	133	100	13,300	35	4,655
DuPage.....	52,937	3 00	158,811					
Edgar.....	86,730	2 50	216,825	76	90	6,840	40	2,736
Edwards.....	15,239	5 00	76,195	75	75	5,625	35	1,969
Effingham.....	*28,579	1 25	35,724	+442	110	48,620	31	15,072
Fayette.....	27,756	1 50	41,634	215	112	24,080	27	6,502
Ford.....	*57,753	2 95	170,371	+82	100	8,200	45	3,690
Franklin.....	10,457	*3 85	40,259	341	100	34,100	31	10,571
Fulton.....	82,176	4 35	357,466	66	100	6,600	47	3,102
Gallatin.....	*3,871	3 75	14,516	76	150	900	28	252
Greene.....	80,694	3 25	260,305	36	*99	3,564	40	1,426
Grundy.....	58,660	*3 70	217,042					
Hamilton.....	13,166	5 00	65,830	326	65	21,190	25	5,297
Hancock.....	75,767	2 85	215,936	109	*99	10,791	50	5,395
Hardin.....	5,020	*3 30	16,566	158	100	15,800	25	3,950
Henderson.....	85,116	3 60	306,418	30	72	2,160	46	994
Henry.....	130,000	2 50	325,000	78	*99	7,722	50	3,861
Iroquois.....	137,720	2 50	344,300	114	150	17,100	47	8,037
Jackson.....	*11,228	6 75	75,789	+117	75	8,775	42	3,685
Jasper.....	19,214	1 75	33,623	252	83	20,916	28	5,856
Jefferson.....	35,145	3 25	114,221	56	125	7,000	28	1,960
Jersey.....	21,919	*3 95	86,580	52	100	5,200	35	1,820
JoDavies.....	92,971	3 25	302,156	38	*99	3,762	50	1,881
Johnson.....	4,172	3 65	15,228	91	93	8,463	28	2,370
Kane.....	111,528	3 00	334,584					
Kankakee.....	92,072	4 95	455,756	51	78	3,978	47	1,870
Kendall.....	49,072	2 85	139,855					
Knox.....	143,509	3 10	444,878	157	133	20,881	46	9,605
Lake.....	87,890	2 50	219,725	8	200	1,600	60	960
LaSalle.....	127,333	2 75	350,166	9	225	2,025	47	952
Lawrence.....	21,414	2 25	48,161	179	70	12,530	30	3,759
Lee.....	121,434	4 25	516,094	7	*99	693	*43	298

PASTURES AND SORCHUM—Continued.

COUNTIES	PASTURES.			SORCHUM.				
	Acreage, re- turned by As- sessors.	Value per acre for season of 1889.	Total value.	Acreage 1889, re- turned by As- sessors.	No. of gallons of syrup per acre.	Total number of gallons produc- ed.	Price per gallon.	Value of product.
Livingston.....	116,812	\$4 35	\$508,132	99	60	5,940	\$0 43	\$2,554
Logan.....	56,877	3 00	170,631	48	99	4,752	*45	2,138
Macon.....	54,379	3 85	209,359	19	*99	1,881	50	940
Macoupin.....	89,241	4 55	406,046	46	100	4,600	50	3,300
Madison.....	35,655	4 00	142,620	85	*99	8,415	*39	3,282
Marion.....	33,903	3 00	116,709	195	56	10,920	32	3,494
Marshall.....	55,088	5 00	275,440	7	85	595	50	297
Mason.....	28,447	2 00	56,894	37	100	3,700	35	1,295
Massac.....	3,576	1 75	6,258	41	*99	4,059	26	1,055
McDonough.....	32,804	4 00	131,216	6	200	1,200	40	480
McHenry.....	149,550	2 50	348,875	7	162	1,134	50	567
McLean.....	151,386	3 00	454,158	38	*99	3,762	50	1,881
Menard.....	38,282	3 90	149,300	30	60	18,000	47	8,460
Mercer.....	103,053	4 00	412,212	183	100	18,300	50	9,150
Monroe.....	7,008	2 00	14,016	53	*99	5,247	*35	1,836
Montgomery.....	76,673	3 00	230,019	182	109	18,200	37	6,734
Morgan.....	118,707	3 10	367,992	300	*99	29,700	50	14,850
Moultrie.....	25,335	3 00	76,005	21	*99	2,079	*42	873
Ogle.....	107,079	3 15	337,299	18	*99	1,782	40	713
Peoria.....	43,935	3 00	131,805	44	*99	4,356	50	2,178
Perry.....	5,385	3 00	16,155	19	40	760	25	190
Piatt.....	27,585	4 00	110,340	22	*99	2,178	50	1,089
Pike.....	60,446	2 85	172,271	97	*99	9,603	50	4,801
Pope.....	49,887	3 00	29,661	†159	122	19,398	23	4,461
Pulaski.....	5,042	3 25	16,386	161	73	11,753	55	6,464
Putnam.....	30,227	3 25	98,238	14	92	1,288	48	618
Randolph.....	20,545	3 00	61,635	281	65	18,265	33	6,027
Richland.....	33,049	3 00	99,147	227	67	15,209	27	4,106
Rock Island.....	68,535	2 75	188,471	133	*99	13,167	45	5,925
Saline.....	11,082	3 10	34,354	348	97	33,756	22	7,426
Sangamon.....	101,407	4 65	471,543	62	*99	6,138	50	3,069
Schuyler.....	†48,999	3 00	146,997	.....	.....	.....	.....	.....
Scott.....	7,841	5 00	39,205	.....	.....	.....	.....	.....
Shelby.....	57,428	3 05	175,155	146	97	14,162	35	4,957
Stark.....	44,369	3 45	153,073	53	*99	5,247	54	2,833
St. Clair.....	23,626	4 00	94,504	96	60	5,760	40	2,304
Stephenson.....	71,725	3 40	243,865	5	100	500	53	265
Tazewell.....	57,501	4 60	264,505	11	*99	1,089	40	436
Union.....	6,677	5 00	33,385	84	105	8,820	35	3,087
Vermilion.....	111,125	3 00	333,375	104	160	16,640	40	6,656
Wabash.....	11,195	3 00	33,585	14	125	1,750	37	647
Warren.....	106,511	3 75	399,416	139	205	28,495	46	13,108
Washington.....	†25,044	2 10	52,592	†227	62	14,074	34	4,785
Wayne.....	35,190	1 75	61,582	266	80	21,280	30	6,384
White.....	18,543	2 60	48,212	192	137	26,304	31	8,164
Whiteside.....	118,462	1 25	148,077	44	*99	4,356	40	1,742
Will.....	129,416	3 50	452,956	3	*99	297	40	119
Williamson.....	5,340	2 10	11,214	157	86	13,502	31	4,186
Winnebago.....	73,256	3 00	219,768	236	75	17,700	32	5,664
Woodford.....	48,550	4 50	218,475	3	50	150	50	75
Total or average.....	5,679,874	\$3 30	\$18,862,811	10,352	93	966,097	\$0 37	\$353,883

*Estimated.

†Estimated same as in 1888.

IRISH POTATOES.

COUNTIES.	Acreage 1889, returned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Adams	1,699	90	152,910	\$0 27	\$41,286	*\$21 50	\$36,528	\$4,758	
Alexander	276	90	24,840	27	6,707	20 80	5,741	966	
Bond	342	77	26,334	23	6,057	21 55	7,370		\$1,313
Boone	731	110	80,410	30	24,123	27 75	20,285	3,838	
Brown	31	120	3,720	33	1,228	*20 95	649	579	
Bureau	1,700	137	232,900	25	58,225	19 95	33,915	24,310	
Calhoun	+1,246	115	143,290	30	42,987	24 95	31,088	11,899	
Carroll	1,228	133	163,324	21	34,298	17 15	21,060	13,238	
Cass	239	150	35,850	37	13,264	25 90	6,190	7,074	
Champaign	2,523	130	327,990	27	88,557	19 35	48,870	39,737	
Christian	1,014	113	114,582	26	29,791	24 00	24,336	5,455	
Clark	733	120	87,960	25	21,990	23 95	17,555	4,435	
Clay	306	75	22,950	20	4,590	14 35	4,391	199	
Clinton	907	119	107,933	23	24,824	*20 30	18,412	6,412	
Coles	374	110	41,140	25	10,285	15 10	5,647	4,638	
Cook	11,966	94	1,124,804	27	303,697	22 25	266,243	37,454	
Crawford	259	92	23,826	21	5,004	16 20	4,196	808	
Cumberland	348	120	41,760	23	9,605	15 55	5,411	4,194	
DeKalb	1,638	150	245,700	25	61,425	10 90	17,854	43,571	
DeWitt	246	113	27,798	28	7,783	21 15	5,203	2,580	
Douglas	246	150	36,900	25	9,225	24 10	5,929	3,296	
DuPage	4,578	162	741,636	25	185,409	27 70	126,811	58,598	
Edgar	447	87	38,889	33	12,833	13 65	6,101	6,732	
Edwards	128	250	32,000	25	8,000	*18 65	2,387	5,613	
Efingham	+921	137	126,177	22	27,759	16 25	14,966	12,793	
Fayette	546	137	74,802	30	22,441	19 70	10,756	11,685	
Ford	+430	121	52,030	23	11,967	21 40	9,202	2,765	
Franklin	221	137	30,277	21	6,358	22 45	4,961	1,397	
Fulton	1,116	80	89,280	32	28,570	18 50	20,646	7,924	
Gallatin	+61	175	10,675	22	2,348	*19 31	1,177	1,171	
Greene	425	82	34,850	25	8,712	*17 70	7,592	1,190	
Grundy	508	*141	71,628	*26	18,623	19 50	9,906	8,717	
Hamilton	375	80	30,000	24	6,600	18 85	7,069	469	
Hancock	1,026	105	107,730	22	23,701	27 50	28,215	4,514	
Hardin	1,238	30	37,140	20	7,428	21 85	27,050	19,622	
Henderson	156	96	14,976	24	3,594	37 90	5,912	2,318	
Henry	1,433	100	143,300	25	35,825	11 90	17,053	18,772	
Iroquois	1,865	115	214,475	28	60,053	27 90	52,033	8,020	
Jackson	+661	67	44,287	25	11,072	*22 60	14,939	3,867	
Jasper	344	112	38,528	23	8,861	12 85	4,420	4,441	
Jefferson	151	125	18,875	25	4,719	20 90	3,156	1,563	
Jersey	517	65	33,605	20	6,721	12 25	6,333	388	
JoDavies	1,883	115	216,545	22	47,640	23 95	45,098	2,542	
Johnson	48	120	5,760	28	1,613	21 90	1,051	562	
Kane	1,884	183	344,772	30	103,432	24 00	45,216	58,216	
Kankakee	1,089	140	152,460	27	41,164	36 25	39,476	1,688	
Kendall	1,061	120	127,320	33	42,016	22 60	23,979	18,037	
Knox	968	113	109,384	27	29,534	18 75	18,150	11,384	
Lake	1,632	125	204,000	29	59,160	*24 65	40,229	18,931	
LaSalle	2,632	169	444,808	22	97,858	29 75	78,302	19,556	
Lawrence	367	105	38,535	24	9,248	20 15	7,395	1,853	
Lee	2,012	150	301,800	19	57,342	23 80	47,886	9,456	

IRISH POTATOES—Continued.

COUNTIES.	Average 1889, return- ed by Assessors.	Average yield per acre in bushels.	Total yield in bush- els.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston.....	1,869	125	233,325	\$0 25	\$58,406	\$16 75	\$31,306	\$27,100	.....
Logan.....	988	115	113,620	22	24,996	16 10	15,907	9,089	.....
Macon.....	517	148	76,516	32	24,485	23 75	12,279	12,206	.....
Macoupin.....	651	118	76,818	26	19,973	14 25	9,277	10,696	.....
Madison.....	9,645	175	1,687,875	27	455,726	23 65	228,104	227,622	.....
Marion.....	297	160	47,520	20	9,504	16 50	4,900	4,604	.....
Marshall.....	610	137	83,570	23	19,221	24 60	15,006	4,215	.....
Mason.....	321	110	35,310	15	5,296	17 40	5,585	.....	\$289
Massac.....	481	175	84,175	22	18,518	16 80	8,081	10,437	.....
McDonough.....	266	200	53,200	40	21,280	28 95	7,701	13,579	.....
McHenry.....	2,050	225	461,250	22	101,475	27 75	56,887	44,588	.....
McLean.....	1,516	145	219,820	25	54,955	26 95	40,855	14,099	.....
Menard.....	1,340	112	150,080	27	40,522	20 00	26,800	13,722	.....
Mercer.....	954	112	106,848	22	23,506	21 40	20,416	3,090	.....
Monroe.....	1,641	200	328,000	*21	68,880	31 65	51,938	16,942	.....
Montgomery.....	742	90	66,780	29	19,366	16 70	12,391	6,975	.....
Morgan.....	1,004	150	150,600	43	64,758	*20 95	21,034	43,724	.....
Moultrie.....	171	*149	25,479	35	8,918	12 10	2,069	6,849	.....
Ogle.....	2,004	97	194,388	32	62,204	31 70	63,527	.....	1,323
Peoria.....	1,119	112	125,338	22	27,572	20 30	22,716	4,856	.....
Perry.....	136	108	14,688	20	2,938	23 70	3,223	.....	285
Piatt.....	215	150	32,550	35	11,287	*21 25	4,569	6,718	.....
Pike.....	417	150	62,550	33	20,641	*21 90	8,715	11,926	.....
Pope.....	*153	70	10,710	20	2,142	21 20	3,244	.....	1,102
Pulaski.....	839	67	56,213	27	15,177	17 55	14,724	453	.....
Putnam.....	272	95	25,840	25	6,460	21 00	5,712	748	.....
Randolph.....	950	102	96,900	21	20,349	27 15	25,792	.....	5,443
Richland.....	527	87	45,849	20	9,170	18 20	9,591	.....	421
Rock Island.....	3,066	105	321,930	18	57,947	17 85	54,728	3,219	.....
Saline.....	198	110	21,780	20	4,356	17 80	3,524	832	.....
Sangamon.....	1,268	77	97,636	38	37,102	25 90	32,841	4,261	.....
Schuyler.....	*451	100	45,100	28	12,628	15 50	6,990	5,638	.....
Scott.....	102	200	20,400	30	6,120	19 40	1,979	4,141	.....
Shelby.....	699	185	129,315	23	29,742	6 25	4,369	25,373	.....
Stark.....	497	140	69,580	25	17,395	15 25	7,579	9,816	.....
St. Clair.....	8,028	133	1,067,724	20	213,545	*24 60	197,489	16,056	.....
Stephenson.....	1,652	125	206,500	21	43,565	24 05	39,731	3,634	.....
Tazewell.....	962	112	107,744	26	28,013	15 25	14,670	13,343	.....
Union.....	617	92	56,764	27	15,326	*20 00	12,340	2,986	.....
Vermilion.....	1,157	97	112,229	32	35,913	*21 25	24,586	11,327	.....
Wabash.....	83	88	6,640	22	1,461	22 00	1,826	.....	365
Warren.....	767	117	89,739	25	22,435	28 25	21,668	767	.....
Washington.....	*1,308	125	163,500	21	34,335	20 20	26,422	7,913	.....
Wayne.....	271	60	16,260	20	3,252	15 60	4,228	.....	976
White.....	241	140	33,740	22	7,423	18 75	4,519	2,904	.....
Whiteside.....	2,116	250	529,000	30	158,700	14 10	29,836	128,864	.....
Will.....	3,390	150	508,500	25	127,125	18 60	63,054	64,071	.....
Williamson.....	120	156	18,720	21	3,931	17 15	2,058	1,873	.....
Winnebago.....	1,613	84	135,492	28	37,938	18 60	30,002	7,936	.....
Woodford.....	556	113	62,828	30	18,848	28 95	16,096	2,752	.....
Total or average..	119,632	129 15	484,390	\$0 25	\$3,930,177	\$22 10	\$2,647,105	\$1,325,379	\$42,307

*Estimated.

†Estimated same as 1888.

SWEET POTATOES, TURNIPS, ETC.

COUNTIES.	SWEET POTATOES.					TURNIPS AND OTHER ROOT CROPS.			TURNIPS.
	Average 1889, returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Value of 1888 crop returned by Assessors.	Value of 1889 crop compared with 1888.	Value of 1889 crop.	
Adams	53	55	2,915	\$0 67	\$1,953	\$956	*97	\$927	475
Alexander	27	100	2,700	35	945	300	100	300	175
Bond	3	30	90	53	48	459	90	413	*133
Boone	1	*123	123	*72	88	200	100	200	*133
Brown						165	100	165	*133
Bureau	186	*134	24,924	*72	17,945	624	*95	593	*133
Calhoun									
Carroll	1	*70	70	1 25	87	120	100	120	*133
Cass	181	100	18,100	1 00	18,100				
Champaign						1,724	115	1,983	125
Christian	13	95	1,235	91	1,124	864	100	864	*133
Clark	16	137	2,192	57	1,249	1,829	59	1,079	147
Clay	8	50	400	75	300	1,592	75	1,194	75
Clinton	1	42	42	63	26	261	82	214	67
Coles	19	79	1,501	62	931	51,043	85	43,886	250
Cook						49,695	95	47,210	130
Crawford						3,506	95	3,331	102
Cumberland	2	70	140	70	98	1,949	90	1,754	70
DeKalb						75	75	56	*133
DeWitt						80	150	120	100
Douglas						50	100	50	200
DuPage						460	50	230	*133
Edgar	10	100	1,000	1 00	1,000	853	100	853	*133
Edwards	1	300	300	35	105	1,327	90	1,194	150
Effingham	*4	112	448	57	255	794	100	794	108
Fayette	6	*110	660	50	330	789	100	789	200
Ford						*175	107	187	*133
Franklin	21	90	1,890	*72	1,361	494	83	410	*133
Fulton	6	50	300	1 00	300	360	112	403	87
Gallatin	*30	100	3,000	*72	2,160	*2,671	100	2,671	75
Greene	10	*125	1,250	67	837	1,599	87	1,391	100
Grundy	3	*103	309	*72	222	1,380	*92	1,270	*133
Hamilton	8	40	320	40	128	1,274	112	1,427	*133
Hancock	2	*77	154	75	115	730	90	657	*133
Hardin	11	100	1,100	30	330	1,117	110	1,229	100
Henderson	10	100	1,000	1 00	1,000				
Henry	4	*101	404	*72	291	545	100	545	*133
Iroquois	5	60	300	1 35	405	916	97	888	100
Jackson	*231	100	23,100	57	13,167	*1,413	110	1,554	150
Jasper	12	74	888	44	391	933	91	849	150
Jefferson	10	150	1,500	*72	1,080	2,366	100	2,366	110
Jersey	14	50	700	*72	504	1,105	65	718	75
JoDavies						575	100	575	300
Johnson	47	123	5,781	37	2,139	2,850	100	2,850	*133
Kane						97,354	87	84,698	150
Kankakee						230	100	230	200
Kendall						262	*94	246	75
Knox	6	80	480	89	427	638	93	593	93
Lake	34	*100	3,400	*72	2,448	7,664	95	7,281	100
LaSalle	6	200	1,200	1 00	1,200	134,935	97	130,887	*133
Lawrence	5	120	600	72	432	2,184	90	1,966	150
Lee						3,209	70	2,246	*133

SWEET POTATOES, TURNIPS, ETC.—Continued.

COUNTIES.	SWEET POTATOES.					TURNIPS AND OTHER ROOT CROPS.			TURNIPS. Average yield per acre in bushels.
	Acreage 1889, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Value of 1888 crop returned by As- sessors.	Value of 1889 crop compared with 1888.	Value of 1889 crop	
Livingston	3	50	150	\$1 00	\$150	\$108, 137	70	\$75, 696	*133
Logan	29	*107	3, 103	75	2, 327	695	100	695	100
Macon	1	150	150	75	112	631	100	631	137
Macoupin						37, 875	90	34, 087	*133
Madison	432	*62	26, 784	50	13, 392	4, 905	*83	4, 071	*133
Marion	8	150	1, 200	53	636	1, 989	100	1, 989	*133
Marshall	1	80	80	1 15	92	165	99	163	135
Mason	62	100	6, 200	*72	4, 464	672	100	672	*133
Massac	40	50	2, 000	32	640	5, 571	95	5, 292	*133
McDonough	1	*82	82	1 00	82	86	100	86	200
McHenry						755	103	778	200
McLean	4	*77	308	87	268	950	80	760	*133
Menard	50	45	2, 250	81	1, 822				
Mercer	7	*94	658	1 10	724	425	*95	404	*133
Monroe	4	*94	376	*72	271				
Montgomery	4	90	360	1 00	360	370	100	370	75
Morgan	381	150	57, 150	75	42, 862				
Moultrie	1	*125	125	*72	90				
Ogle	6	70	420	1 10	462	698	100	698	100
Peoria	9	130	1, 170	1 00	1, 170	1, 303	62	808	100
Perry	13	75	975	35	341	374	90	337	83
Piatt						327	*109	356	*133
Pike	17	*126	2, 142	80	1, 714	51	100	51	*133
Pope	†17	100	1, 700	33	561	†2, 368	80	1, 894	57
Pulaski	304	73	23, 712	43	10, 196	7, 425	90	6, 682	55
Putnam									
Randolph	23	92	2, 116	37	783	9, 568	73	6, 985	75
Richland	20	65	1, 300	55	715	3, 849	105	4, 041	*133
Rock Island						1, 231	95	1, 169	150
Saline	9	125	1, 125	*72	810	6, 541	81	5, 298	82
Sangamon	27	101	2, 700	75	2, 025	1, 809	100	1, 809	*133
Schuyler	†3	*77	231	90	208				
Scott	3	200	600	1 25	750	191	110	210	200
Shelby	11	170	1, 870	57	1, 066	743	112	832	187
Stark									
St. Clair	16	60	960	42	403	494	87	430	100
Stephenson						227	77	174	225
Tazewell	211	100	21, 100	63	13, 293	50	90	45	55
Union	1, 235	67	82, 745	37	30, 616	2, 338	100	2, 338	*133
Vermilion						1, 008	100	1, 008	75
Wabash						75	99	74	83
Warren						171	100	171	125
Washington	†46	130	5, 980	49	2, 930	†418	83	347	92
Wayne	25	40	1, 000	40	400	2, 193	100	2, 193	*133
White	24	112	2, 688	45	1, 216	1, 013	88	891	75
Whiteside	12	*93	1, 116	*72	803	1, 323	90	1, 191	*133
Will						345	100	345	*133
Williamson	57	162	9, 234	33	3, 047	2, 438	88	2, 145	110
Winnebago	2	100	200	1 40	280	9, 252	99	9, 159	*133
Woodford	1	40	40	1 25	50	860	72	619	90
Total or average....	4, 126	90	370, 616	\$0 58	\$215, 646	\$608, 603	88	\$533, 950	130

*Estimated.

†Estimated same as in 1888.

BUCKWHEAT AND BROOM CORN.

COUNTIES.	BUCKWHEAT.					BROOM CORN.				
	Acreage 1889, re- turned by As- sessors.	Average yield per acre in bushels	Total yield in bush- els.	Price per bushel.	Value of crop.	Acreage 1889, re- turned by As- sessors.	Average yield per acre in tons.	Total yield in tons.	Price per ton.	Value of crop.
Adams.....	7	15	105	\$0 50	\$52	12	* $\frac{1}{2}$	6	*\$63	\$378
Alexander.....										
Bond.....	2	6	12	75	9					
Boone.....	68	13	884	50	442					
Brown.....										
Bureau.....	29	18	522	*55	287					
Calhoun.....										
Carroll.....	99	19	1,881	72	1,354					
Cass.....						5	* $\frac{1}{2}$	2	*63	126
Champaign.....						107	* $\frac{1}{2}$	53	*63	3,339
Christian.....						1	* $\frac{1}{2}$	1	*63	63
Clark.....	651	18	11,718	56	6,562	83	$\frac{1}{4}$	21	67	1,407
Clay.....	269	6	1,614	*55	888	27	* $\frac{1}{2}$	13	*63	819
Clinton.....	5	*15	75	45	34					
Coles.....						9,419	1-5	1,884	57	107,388
Cook.....	6	13	78	52	40					
Crawford.....	144	21	3,024	47	1,421	25	* $\frac{1}{2}$	12	*63	756
Cumberland.....	182	15	2,730	55	1,501	933	$\frac{1}{4}$	233	60	13,980
DeKalb.....	82	*15	1,230	*55	676					
DeWitt.....						10	* $\frac{1}{2}$	5	*63	315
Douglas.....	2	*15	30	*55	16	12,848	1-5	2,570	62	159,340
DuPage.....										
Edgar.....	18	15	270	*55	148	1,637	1	1,637	100	163,700
Edwards.....	62	*15	930	*55	511					
Efingham.....	*75	11	825	65	536	*2	* $\frac{1}{2}$	1	*63	63
Fayette.....	16	5	80	*55	44					
Ford.....	*2	*15	30	*55	16					
Franklin.....	39	*15	585	75	439					
Fulton.....	?	15	45	*55	25					
Gallatin.....						*2	* $\frac{1}{2}$	1	*63	63
Greene.....	1	*15	15	60	9					
Grundy.....	11	*15	165	*55	91					
Hamilton.....	18	*15	270	70	189					
Hancock.....	10	*15	150	*55	82					
Hardin.....										
Henderson.....	8	12	96	1 30	125					
Henry.....	31	*15	465	*55	256	1,639	* $\frac{1}{2}$	819	65	53,235
Iroquois.....	53	20	1,060	35	371					
Jackson.....						14	* $\frac{1}{2}$	2	*63	126
Jasper.....	33	10	330	50	165	138	$\frac{2}{3}$	92	55	5,060
Jefferson.....	13	25	325	40	130	2	* $\frac{1}{2}$	1	*63	63
Jersey.....	4	*15	60	*55	33	8	* $\frac{1}{2}$	4	*63	252
JoDavies.....	74	30	2,220	42	932					
Johnson.....										
Kane.....	39	*15	585	35	205					
Kankakee.....	43	12	516	35	181					
Kendall.....	4	14	56	68	38					
Knox.....						514	$\frac{1}{4}$	128	65	8,320
Lake.....	87	19	1,653	50	826	2	* $\frac{1}{2}$	1	*63	63
LaSalle.....	3	10	30	90	27	1	* $\frac{1}{2}$	1	*63	63
Lawrence.....	269	20	5,380	50	2,690	42	* $\frac{1}{2}$	21	*63	1,323
Lee.....	77	10	770	42	323					

BUCKWHEAT AND BROOM CORN—Continued.

COUNTIES.	BUCKWHEAT.					BROOM CORN.				
	Acreage 1889, re- turned by As- sessors.	Average yield per acre in bushels.	Total yield in bush- els.	Price per bushel.	Value of crop.	Acreage 1889, re- turned by As- sessors.	Average yield per acre in tons.	Total yield in tons.	Price per ton.	Value of crop.
Livingston	1	10	10	\$0 50	\$5	8	$\frac{1}{2}$	4	*63	\$252
Logan	5	*15	75	*55	41	18	$\frac{1}{2}$	9	*63	567
Macon										
Macoupin	13	15	195	*55	107	6	$\frac{1}{2}$	3	*63	189
Madison	6	*15	90	*55	49					
Marion	206	8	1,648	*55	906	6	$\frac{1}{2}$	3	*63	189
Marshall						10	$\frac{1}{2}$	5	*63	315
Mason	47	*15	705	*55	388	10	$\frac{1}{2}$	5	*63	315
Massac										
McDonough	1	25	25	50	12					
McHenry	290	12	3,480	65	2,262	18	$\frac{1}{2}$	9	*63	567
McLean						2	$\frac{1}{2}$	1	*63	63
Menard	20	*15	300	*55	165					
Mercer	37	3	111	50	55	35	$\frac{1}{2}$	12	*63	756
Monroe	16	*15	240	*55	132					
Montgomery	9	*15	135	*55	74	35	$\frac{1}{2}$	17	*63	1,071
Morgan										
Moultrie						1,218	$\frac{1}{2}$	406	60	24,360
Ogle	52	*15	780	55	429	3	$\frac{1}{2}$	1	*63	63
Peoria	17	*15	255	*55	140					
Perry										
Platt	4	*15	60	*55	33	126	$\frac{1}{2}$	63	*63	3,969
Pike						1	$\frac{1}{2}$	3	*63	189
Pope										
Pulaski										
Putnam										
Randolph	19	10	190	70	133	1	$\frac{1}{2}$	1	80	80
Richland	154	6	924	37	342	86	$\frac{1}{2}$	43	60	2,580
Rock Island	13	24	312	*55	172	10	$\frac{1}{2}$	5	*63	315
Saline						1	$\frac{1}{2}$	1	30	30
Sangamon	4	*15	60	*55	33	6	$\frac{1}{2}$	3	*63	189
Schuyler	43	*15	45	*55	25	12	$\frac{1}{2}$	6	*63	378
Scott						12	$\frac{1}{2}$	6	*63	378
Shelby	3	19	57	45	26	133	$\frac{1}{2}$	66	*63	4,158
Stark	4	*15	60	*55	33	14	$\frac{1}{2}$	7	60	420
St. Clair	8	*15	120	*55	66	2	$\frac{1}{2}$	1	*63	63
Stephenson	53	10	530	45	238	5	$\frac{1}{2}$	2	*63	126
Tazewell	2	*15	30	40	12					
Union	25	*15	375	*55	206	3	$\frac{1}{2}$	1	*63	63
Vermilion	2	*15	30	*55	16	26	$\frac{1}{2}$	13	*63	819
Wabash	1	15	15	40	6					
Warren						57	$\frac{1}{2}$	28	*63	1,764
Washington	116	*15	240	*55	132					
Wayne	125	10	1,250	40	500	16	1	16	*63	1,008
White	1	25	25	75	19					
Whiteside	34	15	510	*55	280	4	$\frac{1}{2}$	2	*63	126
Will	38	*15	570	*55	313	47	$\frac{1}{2}$	23	*63	1,449
Williamson										
Winnebago	138	24	3,312	42	1,391					
Woodford										
Total or average	3,906	15	57,578	\$0 53	\$30,415	29,398	$\frac{1}{4}$	8,273	\$68	\$567,053

*Estimated.

†Estimated same as in 1888.

TOBACCO AND CASTOR BEANS—Continued.

COUNTIES.	TOBACCO.					CASTOR BEANS.				
	Acreage 1889, return- ed by Assessors.	Average yield per acre in pounds.	Total yield in pounds	Price per pound.	Value of crop.	Acreage 1889, return- ed by Assessors.	Average yield per acre in bushels.	Total yield in bush- els.	Price per bushel.	Value of crop.
Livingston.....	10	*802	8,020	\$*0 06	\$481	1	*10	10	\$*1 65	\$16
Logan.....										
Macon.....										
Macoupin.....	1	*802	802	*06	48	5	*10	50	*1 65	82
Madison.....						45	*10	450	*1 65	742
Marion.....	3	400	1,200	10	120	99	10	990	1 25	1,237
Marshall.....										
Mason.....										
Massac.....	7	*802	5,614	*06	337					
McDonough.....										
McHenry.....	8	*802	6,416	*06	385					
McLean.....										
Menard.....										
Mercer.....										
Monroe.....						5	*10	50	*1 65	82
Montgomery.....	10	*802	8,020	*06	481					
Morgan.....										
Moultrie.....										
Ogle.....										
Peoria.....										
Perry.....	1	*802	802	*06	48	148	5	740	*1 65	1,221
Piatt.....	1	*802	802	*06	48					
Pike.....	1	*802	802	*06	48					
Pope.....	*12	1,000	12,000	*06	720					
Pulaski.....	69	600	41,400	08	3,312	10	20	200	1 20	240
Putnam.....										
Randolph.....	20	*802	16,040	*06	962	323	9	2,907	1 85	5,478
Richland.....	14	*802	11,228	06	674					
Rock Island.....										
Saline.....	1,016	783	795,528	03	23,866					
Sangamon.....	1	*802	802	*06	48					
Schuyler.....										
Scott.....										
Shelby.....	1	*802	802	*06	48	6	*10	60	*1 65	99
Stark.....										
St. Clair.....						116	*10	1,160	*1 65	1,914
Stephenson.....	32	1,250	40,000	08	3,200					
Tazewell.....										
Union.....	2	*802	1,604	*06	96					
Vermilion.....										
Wabash.....										
Warren.....										
Washington.....	*12	*802	1,604	*06	96	*1,818	7	12,726	1 60	20,362
Wayne.....	19	1,000	19,000	*06	1,140	339	10	3,390	1 25	4,237
White.....	58	1,200	69,600	05	3,480	7	*10	70	*1 65	115
Whiteside.....										
Will.....										
Williamson.....	311	660	205,260	03	6,158	5	12	60	1 80	108
Winnebago.....	11	*802	8,822	*06	529					
Woodford.....										
Total or average.....	2,923	768	2,244,199	\$0 05	\$105,059	9,631	8	78,293	\$1 80	\$141,180

*Estimated.

†Estimated same as in 1888.

BEANS, HUNGARIAN AND MILLET SEED.

COUNTIES.	BEANS.					HUNGARIAN AND MILLET SEED.				
	Acreage 1889, returned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Bushels produced in 1888, Assessors' returns.	Bushels produced in 1889, compared with 1888.	Bushels produced in 1889.	Price per bushel.	Value of crop.
Adams.....	11	*14	154	*\$2 10	\$323	686	*95	652	*\$0 54	\$352
Alexander.....	6	*14	84	1 75	147					
Bond.....	11	7	77	1 15	88	310	87	270	*54	146
Boone.....	6	10	60	1 25	75	399	90	359	*54	194
Brown.....										
Bureau.....	10	*14	140	2 50	350	344	*95	327	*54	176
Calhoun.....										
Carroll.....	14	*14	196	1 60	314	1,460	100	1,460	*54	788
Cass.....										
Champaign.....						2,083	100	2,083	40	833
Christian.....	5	*14	70	2 25	157	339	*95	322	*54	174
Clark.....	226	9	2,034	1 40	2,848	298	100	298	1 05	313
Clay.....	100	*14	1,400	*1 35	1,890	172	155	267	*54	144
Clinton.....						58	64	57	80	30
Coles.....	7	*14	98	1 75	171	23	97	22	67	15
Cook.....	26	18	468	1 25	585	10,416	100	10,416	30	3,124
Crawford.....	80	16	1,280	1 40	1,792	1,043	100	1,043	*54	563
Cumberland.....	80	15	1,200	1 50	1,800	140	*95	133	50	66
DeKalb.....	4	*14	56	1 25	70	661	100	661	*54	357
DeWitt.....						296	100	296	40	118
Douglas.....						1,780	100	1,780	40	712
DuPage.....						2,438	87	2,121	42	891
Edgar.....	21	*14	294	*1 75	514	450	100	450	80	360
Edwards.....	2	20	40	1 50	60	28	*95	27	*54	14
Effingham.....	*81	9	729	1 50	1,093					
Fayette.....	10	*14	140	*1 50	210	372	*95	353	*54	191
Ford.....	*14	*14	196	*1 85	363	*375	85	319	*54	172
Franklin.....	83	*14	1,162	1 50	1,743	82	105	86	60	52
Fulton.....	9	*14	126	1 50	189	46	*95	44	*51	24
Gallatin.....						*446	*95	424	*54	229
Greene.....	1	*14	14	1 75	24					
Grundy.....						300	*95	285	*54	154
Hamilton.....	22	10	220	1 35	297	26	*95	25	60	15
Hancock.....	1	*14	14	*1 90	27	121	100	121	40	48
Hardin.....	4	*14	56	1 00	56					
Henderson.....						76	80	60	*54	32
Henry.....						1,335	*95	1,268	*54	685
Iroquois.....	1	*14	14	2 00	28	18,217	75	13,663	50	6,831
Jackson.....	*10	*14	140	*1 20	168	42	*95	2	*54	1
Jasper.....	66	8	528	1 20	634	186	83	154	50	77
Jefferson.....	26	10	260	1 25	325	80	100	80	40	32
Jersey.....	2	*14	28	*1 25	35	33	*95	31	60	19
JoDavies.....	14	*14	196	1 00	196	87	*95	83	*54	45
Johnson.....	1	*14	14	1 45	20					
Kane.....	1	20	20	1 50	30	453	90	408	42	171
Kankakee.....	14	*14	196	*1 60	314	18,039	100	18,039	31	5,592
Kendall.....	12	*14	168	1 25	210	4,690	100	4,690	38	1,782
Knox.....						703	100	703	80	562
Lake.....	15	15	225	1 50	337	2,188	100	2,188	33	722
LaSalle.....	1	13	13	1 10	14	6,303	100	6,303	55	3,467
Lawrence.....	101	*14	1,414	1 60	2,262	10	*95	9	*54	5
Lee.....	12	20	240	1 50	360	895	*95	850	*54	459

BEANS, HUNGARIAN AND MILLET SEED—Continued.

COUNTIES.	BEANS.					HUNGARIAN AND MILLET SEED.				
	Acreage 1889, returned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Bushels produced in 1888, Assessors' returns.	Bushels produced in 1889, compared with 1888.	Bushels produced in 1889.	Price per bushel.	Value of crop.
Livingston	63	20	1,260	\$1 50	\$1,890	13,701	95	13,015	\$0 60	\$7,809
Logan						51	*95	48	*54	26
Macon	1	*14	14	*2 20	31	241	*95	229	*54	124
Macoupin	4	*14	56	1 00	56	111	*95	105	*54	57
Madison	1	*14	14	*1 25	17	101	*95	96	*54	52
Marion	191	12	2,292	*1 35	3,094	331	100	331	40	132
Marshall						720	89	641	55	352
Mason	3	*14	42	*1 60	67	180	*95	171	*54	92
Massac	8	*14	112	1 50	168	420	*95	399	*54	215
McDonough						252	*95	239	*54	129
McHenry	7	*14	98	1 50	147	1,783	100	1,783	47	838
McLean	2	*14	28	*1 85	52	528	*95	502	*54	271
Menard						50	*95	47	*54	25
Mercer	2	*14	148	*1 90	281	1,252	*95	1,189	*54	642
Monroe						22	*95	21	*54	11
Montgomery	5	*14	70	1 50	105	269	95	255	*54	137
Morgan										
Moultrie						623	*95	592	*54	320
Ogle	10	*14	140	1 15	161	2,904	97	2,817	*54	1,521
Peoria	1	20	20	1 50	30	892	100	892	45	401
Perry	26	*14	364	1 00	364					
Piatt	4	*14	56	2 50	140	425	*95	404	*54	218
Pike	1	*14	14	2 20	31	295	100	295	*54	159
Pope	*3	10	30	1 00	30					
Pulaski	170	15	2,550	1 40	3,570					
Putnam	1	*14	14	*1 55	22					
Randolph	34	*14	476	1 35	643	266	83	221	60	133
Richland	51	10	510	1 35	688	1,423	*95	1,352	*54	730
Rock Island						105	*95	100	*54	54
Saline	16	27	432	1 25	540					
Sangamon						227	*95	216	*54	117
Schuyler	*4	*14	56	2 00	112	128	*95	27	*54	14
Scott										
Shelby	10	*14	140	2 00	280	205	92	189	60	113
Stark						1,023	*110	1,125	*54	607
St. Clair	28	*14	392	*1 30	519	253	100	253	60	152
Stephenson	2	15	30	1 30	39	845	*95	803	*54	434
Tazewell						380	100	380	40	152
Union	2	*14	28	*1 35	38					
Vermilion	101	15	1,515	2 10	3,181	2,390	100	2,390	1 00	2,390
Wabash										
Warren						812	94	763	*54	412
Washington	142	*14	588	1 10	647					
Wayne	123	12	1,476	*1 35	1,993					
White	111	10	1,110	1 25	1,387	40	*95	38	*54	20
Whiteside	12	*14	168	1 50	252	849	80	679	*54	367
Will	14	*14	196	1 00	196	48,940	*95	46,493	*54	25,106
Williamson	5	*14	70	1 00	70	5	*95	5	*54	3
Winnebago	38	10	380	1 40	532	2,575	72	1,854	35	649
Woodford	1	25	25	2 40	60	330	90	297	75	223
Total or average...	2,207	13	28,678	\$1 45	\$41,543	164,336	94	154,468	\$0 49	\$75,944

*Estimated

*Estimated same as in 1888.

TIMOTHY AND CLOVER SEED—Continued.

COUNTIES.	TIMOTHY SEED.					CLOVER SEED.				
	Bushels produced in 1888, Assessors' returns.	Bushels produced in 1889, compared with 1888.	Bushels produced in 1889.	Price per bushel.	Value of product.	Bushels produced in 1888, Assessors' returns.	Bushels produced in 1889, compared with 1888.	Bushels produced in 1889.	Price per bushel.	Value of product.
Livingston.....	20,095	72	14,468	\$1 30	\$18,808	466	128	596	\$2 65	\$1,579
Logan.....	760	100	760	1 50	1,140	25	150	37	4 50	166
Macon.....	1,464	103	1,508	1 50	2,262	332	205	681	4 00	2,724
Macoupin.....	1,834	99	1,816	1 40	2,542	3,084	127	3,917	2 95	11,555
Madison.....	11	*94	10	*1 65	16	2,772	100	2,772	4 25	11,781
Marion.....	806	105	846	1 50	1,269	113	100	113	3 65	412
Marshall.....	3,179	80	2,543	1 35	3,433	175	155	271	3 25	881
Mason.....	275	100	275	1 25	344	12	130	16	3 00	48
Massac.....	2	*100	2	*1 60	3	463	*82	380	3 25	1,235
McDonough.....	2,379	100	2,379	1 50	3,568	469	110	516	3 50	1,806
McHenry.....	2,909	94	2,734	1 85	5,058	68	98	67	2 85	191
McLean.....	11,461	80	9,169	1 35	12,378	1,058	83	878	3 35	2,941
Menard.....	60	102	61	1 75	107					
Mercer.....	4,717	114	5,377	1 30	6,990	179	186	333	3 40	1,132
Monroe.....						720	*105	756	*3 60	2,722
Montgomery.....	7,154	102	7,297	1 50	10,945	388	121	469	3 95	1,853
Morgan.....	810	103	834	1 75	1,459	310	158	490	2 85	1,396
Moultrie.....	199	*88	175	*1 60	280	389	*136	529	*3 40	1,799
Ogle.....	15,067	105	15,820	1 15	18,193	391	177	692	2 85	1,972
Peoria.....	1,781	22	392	1 35	529	1,090	150	1,635	3 00	4,905
Perry.....	47	95	45	1 60	72	16	92	15	3 25	49
Piatt.....	658	90	592	1 00	592	113	100	113	2 75	311
Pike.....	637	88	560	1 85	1,036	2,445	237	5,795	2 80	16,226
Pope.....	12,457	100	2,457	*1 65	4,054					
Pulaski.....						298	75	223	3 65	814
Putnam.....	431	97	418	1 35	564					
Randolph.....	293	100	293	1 30	381	780	135	1,053	3 10	3,264
Richland.....	10,972	89	9,765	1 55	15,136	1,281	64	820	3 10	2,542
Rock Island.....	1,263	1 0	1,263	1 10	1,389	104	110	114	3 10	353
Saline.....	636	107	680	1 75	1,190	624	76	474	3 20	1,517
Sangamon.....	4,723	1 5	4,959	1 80	8,926	445	150	667	3 25	2,168
Schuyler.....	*1,267	85	1,077	1 20	1,292	*8,776	125	10,970	2 75	30,167
Scott.....	4	100	4	1 50	6					
Shelby.....	1 283	97	1,244	2 30	2,861	1 075	137	1,473	3 50	5,155
Stark.....	2,661	81	2,155	1 35	2,909	89	227	202	3 10	626
St. Clair.....	14	100	14	2 00	28	2,876	80	2,301	3 75	8,629
Stephenson.....	1,747	107	1,869	1 15	2,149	950	105	997	3 20	3,190
Tazewell.....	670	86	576	*1 50	864	479	111	532	4 00	2,128
Union.....						748	87	651	3 25	2,116
Vermilion.....	3,185	82	2,612	1 40	3,657	112	217	243	3 15	765
Wabash.....	181	77	139	1 65	229	4,823	67	3,231	3 00	9,693
Warren.....	3,151	90	2,836	1 35	3,829	13	263	34	3 15	107
Washington.....	*19	100	19	1 40	27	14	100	4	3 95	16
Wayne.....	15,699	100	15,699	1 25	19,624	543	110	597	2 50	1,492
White.....	212	83	176	1 70	299	1,980	107	2,119	3 50	7,416
Whiteside.....	3,460	100	3,460	1 75	6,055	127	100	127	*3 10	394
Will.....	9,002	100	9,002	1 00	9,002	192	100	192	3 00	576
Williamson.....	20	97	19	1 50	28	166	77	128	2 80	358
Winnebago.....	1,335	112	1,495	1 50	2,242	88	144	127	3 25	413
Woodford.....	6,242	78	4,869	1 80	8,764	578	172	994	3 15	3,131
Total or average...	341,694	96	323,763	\$1 35	\$434,300	73,886	105	78,005	\$3 15	\$245,695

*Estimated.

†Estimated same as in 1887.

GRAPES AND WINE.

COUNTIES.	GRAPES.					WINE.				
	Pounds produced in 1888, Assessors' returns.	Pounds produced in 1889, compared with 1888.	Pounds produced in 1889.	Price per pound.	Value of product	Gallons produced in 1888, Assessors' returns.	Gallons produced in 1889, compared with 1888.	Gallons produced in 1889.	Price per gallon.	Value of product.
Adams.....	13,980	100	13,980	\$0 04	\$559	50	*94	47	*\$1 00	\$47
Alexander.....										
Bond.....	2,230	100	2,230	03	67	50	92	46	1 00	46
Boone.....	1,500	50	750	04	30					
Brown.....	2,735	67	1,832	04	73					
Bureau.....	61,110	100	61,110	04	2,444	3,433	*94	3,227	*1 00	3,227
Calhoun.....										
Carroll.....	9,140	102	9,323	04	373	1,320	*94	1,241	*1 00	1,241
Cass.....	13,706	50	6,853	03	205	645	*94	606	*1 00	606
Champaign.....	34,410	110	37,851	02	757	1,925	*94	1,809	*1 00	1,809
Christian.....	53,776	64	34,417	03	1,032	775	52	403	80	322
Clark.....	27,999	96	26,879	03	806	1,506	100	1,506	1 50	2,259
Clay.....	700	100	700	03	21					
Clinton.....	7,340	110	8,074	03	242	1,364	*94	1,282	*1 00	1,282
Coles.....	15,954	93	17,627	04	705					
Cook.....	27,800	77	21,406	04	856	2,000	100	2,000	1 00	2,000
Crawford.....	16,425	95	15,604	02	312	86	78	67	2 00	134
Cumberland.....	8,820	90	7,938	02	159	20	*94	19	*1 00	19
DeKalb.....										
DeWitt.....	5,300	82	4,346	04	174					
Douglas.....	8,175	90	7,557	03	221					
DuPage.....	32,100	95	30,495	03	915					
Edgar.....	34,924	67	23,399	04	936	70	*94	66	*1 00	66
Edwards.....	2,600	105	2,730	02	55	45	*94	42	*1 00	42
Effingham.....	15,255	85	4,467	03	134	1329	100	329	1 00	329
Fayette.....	2,559	*93	2,380	*03	71					
Ford.....	12,150	100	2,150	03	64	120	*94	19	*1 00	19
Franklin.....										
Fulton.....	23,620	99	28,334	04	1,133	117	110	129	*1 00	129
Gallatin.....	1760	100	8,760	02	15					
Greene.....	14,925	60	8,955	04	358	10	100	10	*1 00	10
Grundy.....	1,230	*87	1,070	*03	32					
Hamilton.....										
Hancock.....	67,747	65	44,036	04	1,761	3,472	*94	3,264	*1 00	3,264
Hardin.....	745	90	670	02	13					
Henderson.....	40	82	33	03	1					
Henry.....	19,980	90	17,982	04	719	540	*94	508	*1 00	508
Iroquois.....	67,043	87	58,327	03	1,750	429	100	429	*1 00	429
Jackson.....						1807	*94	758	*1 00	758
Jasper.....	11,645	101	11,761	04	470	387	100	387	75	290
Jefferson.....	1,550	125	1,937	03	58					
Jersey.....	280	*77	216	04	9					
JoDavies.....	12,530	70	8,771	05	438	6,002	*94	5,642	*1 00	5,642
Johnson.....	350	95	332	*04	13					
Kane.....										
Kankakee.....	7,050	80	5,640	04	225	115	*100	115	50	57
Kendall.....	1,950	87	1,696	03	51					
Knox.....	3,477	97	3,373	03	101					
Lake.....	18,810	96	18,058	03	542	5,200	100	5,200	1 00	5,200
LaSalle.....	63,290	94	59,493	04	2,380	110	*94	103	*1 00	103
Lawrence.....	26,781	97	25,977	04	1,039					
Lee.....	23,950	95	22,752	01	227	562	100	562	*1 00	562

GRAPES AND WINE—Continued.

COUNTIES.	GRAPES.					WINE.				
	Pounds produced in 1888, Assessors' returns.	Pounds produced in 1889, compared with 1888	Pounds produced in 1889.	Price per pound.	Value of product.	Gallons produced in 1888, Assessors' returns.	Gallons produced in 1889, compared with 1888.	Gallons produced in 1889.	Price per gallon.	Value of product.
Livingston	59,681	100	59,681	\$0 03	\$1,790	773	105	812	*\$1 00	\$812
Logan	35,685	60	21,411	03	642	789	*94	742	*1 00	742
Macon	35,085	92	32,287	03	969	445	*94	418	*1 00	418
Macoupin	7,282	93	6,772	03	203	63	80	50	*1 00	50
Madison	36,085	80	28,868	03	866	4,500	*94	4,230	*1 00	4,230
Marion	700	97	679	04	27	100	*94	94	*1 00	94
Marshall	19,815	74	14,663	03	440	459	85	390	90	351
Mason	62,790	100	62,790	02	1,256	1,500	100	1,500	50	750
Massac						1,275	*94	1,198	*1 00	1,198
McDonough	17,760	100	17,760	05	888	508	100	508	1 25	635
McHenry	69,400	75	52,050	04	2,082	28	100	28	*1 00	28
McLean	35,460	85	30,141	*03	904	623	*94	586	*1 00	586
Menard	1,150	74	851	04	34	100	100	100	*1 00	100
Mercer	46,760	95	44,422	04	1,777	1,420	*94	1 335	*1 00	1,335
Monroe	1,774	15	266	*03	8	4,022	*94	3,781	*1 00	3,781
Montgomery	14,245	93	13,248	03	397	5 6	90	491	*1 00	491
Morgan										
Moultrie	7,639	*86	6 569	*03	197	60	*94	56	*1 00	56
Ogle	28,200	84	23,688	03	711	440	100	440	75	330
Peoria	161,192	75	120,894	04	4 836	2,651	*94	2,492	*1 00	2,492
Perry	4,190	98	4 106	05	205	250	100	250	1 00	250
Piatt	16,370	75	12,277	03	368	600	*94	564	*1 00	564
Pike	1,700	100	1,700	04	68	160	87	139	*1 00	139
Pope	*450	112	504	05	25	*698	100	698	*1 00	698
Pulaski	419,000	127	532,130	04	21,285	2,700	90	2,430	1 00	2,430
Putnam	1,150	96	1,104	03	33	370	100	370	*1 00	370
Randolph	17,600	83	14,608	04	584	1,879	*94	1,766	*1 00	1,766
Richland	20,665	92	19,012	02	380	35	100	35	*1 00	35
Rock Island	220,605	102	225,017	03	6,750	5,215	100	5,215	*1 00	5,215
Saline	2,710	119	3,225	03	97	31	105	32	*50	16
Sangamon	37,698	87	32,797	02	656	3,328	90	2,995	*1 00	2,995
Schuyler	*10,688	100	10,688	02	214	*60	100	60	*1 00	60
Scott	700	100	700	03	21					
Shelby	25,108	81	20,337	03	610	430	100	430	50	215
Stark	1,100	96	1,056	04	42					
St. Clair	33,330	80	26,664	03	800	9,383	80	7,506	65	4,879
Stephenson	8,695	90	7,825	07	548	243	101	245	*1 00	245
Tazewell	9,200	67	6 164	04	246	2,002	62	1,241	1 00	1,241
Union	990	102	918	02	18					
Vermilion	52,905	76	40,208	04	1,608	252	100	252	*1 00	252
Wabash	600	102	612	02	12	260	100	260	*1 00	260
Warren	24,845	97	24,100	03	723	20	100	20	1 00	20
Washington	*330	93	307	04	12	*40	105	42	80	34
Wayne	65	100	65	04	3					
White	2,325	99	2,302	03	60	160	80	128	2 00	256
Whiteside	48,405	95	45,985	03	1,379					
Will	62,360	75	50,770	03	1,403	632	50	316	*1 00	316
Williamson	559	112	626	06	37					
Winnebago	12,585	96	12,082	05	604					
Woodford	19,630	92	18,060	02	361	1,710	98	1,676	*1 00	1,676
Total or av	2,463 622	94	2,313,060	\$0 03	\$79,735	82,149	92	75,737	\$0 95	\$72,811

*Estimated.

†Estimated same as in 1887.

APPLES AND PEACHES.

COUNTIES.	APPLES.					PEACHES.				
	Bushels produced in 1888, Assessors' returns.	Bushels produced in 1889, compared with 1888.	Bushels produced in 1889.	Price per bushel.	Value of product.	Bushels produced in 1888, Assessors' returns.	Bushels produced in 1889, compared with 1888.	Bushels produced in 1889.	Price per bushel.	Value of product.
Adams.....	183,312	48	87,990	\$0 73	\$64,233	.....	.....	.....	.....	.....
Alexander.....	12,049	90	10,844	50	5,422	.....	.....	.....	.....	.....
Bond.....	51,125	127	64,929	37	24,024	235	107	251	\$0 67	\$168
Boone.....	17,778	107	19,022	63	11,984	1,976	100	1,976	72	1,423
Brown.....	71,384	37	26,412	61	16,111	.....	.....	.....	.....	.....
Bureau.....	91,202	100	91,202	67	61,105	.....	.....	.....	.....	.....
Calhoun.....	*9,690	42	4,070	45	1,831	.....	.....	.....	.....	.....
Carroll.....	23,067	127	29,295	50	14,647	.....	.....	.....	.....	.....
Cass.....	49,175	*65	31,964	50	15,982	.....	.....	.....	.....	.....
Champaign.....	198,601	60	119,161	57	67,922	7,578	150	11,367	1 00	11,367
Christian.....	205,576	61	125,408	48	60,196	800	138	1,104	94	1,038
Clark.....	81,549	114	93,966	34	31,948	1,949	114	2,222	40	889
Clay.....	29,787	135	40,212	55	22,117	1,240	90	1,116	87	971
Clinton.....	40,259	117	47,103	43	20,254	5,596	77	4,309	1 10	4,740
Coles.....	104,390	60	62,634	42	26,306	558	145	809	50	404
Cook.....	19,946	102	20,845	72	14,648	25	*103	26	2 50	65
Crawford.....	45,168	101	45,620	35	15,967	3,428	80	2,742	77	2,111
Cumberland.....	31,241	112	34,990	38	13,296	1,157	118	1,365	68	928
DeKalb.....	36,315	115	41,762	1 00	41,762	.....	.....	.....	.....	.....
DeWitt.....	72,822	37	26,944	55	14,819	30	100	30	1 17	35
Douglas.....	73,729	30	22,119	50	11,059	127	75	95	75	71
DuPage.....	22,162	155	34,351	75	25,763	.....	.....	.....	.....	.....
Edgar.....	148,150	75	111,113	57	63,334	205	82	168	75	126
Edwards.....	26,621	120	31,945	40	12,778	275	115	316	50	158
Elfingham.....	*23,621	115	27,164	42	11,409	+145	107	155	60	93
Fayette.....	38,086	85	32,373	40	12,949	190	*103	196	50	98
Ford.....	*3,089	74	2,286	62	1,417	.....	.....	.....	.....	.....
Franklin.....	36,546	110	40,201	50	20,100	932	104	969	59	572
Fulton.....	205,176	48	98,484	90	88,636	.....	.....	.....	.....	.....
Gallatin.....	*5,533	112	6,197	40	2,479	+19	125	24	1 00	24
Greene.....	96,974	65	63,033	43	27,104	377	175	659	1 00	659
Grundy.....	5,915	*134	7,926	*52	4,121	.....	.....	.....	.....	.....
Hamilton.....	28,091	132	37,080	50	18,540	1,668	112	1,868	30	560
Hancock.....	142,071	43	61,090	80	48,872	.....	.....	.....	.....	.....
Hardin.....	35,980	75	26,985	40	10,794	4,170	50	2,085	50	1,042
Henderson.....	12,926	35	4,524	96	4,343	.....	.....	.....	.....	.....
Henry.....	83,860	62	51,993	75	38,995	.....	.....	.....	.....	.....
Iroquois.....	44,135	91	40,163	65	26,106	.....	.....	.....	.....	.....
Jackson.....	*56,820	80	45,456	62	28,183	+34,546	*103	35,582	1 25	44,477
Jasper.....	30,184	125	37,730	46	17,356	2,084	102	2,126	48	1,020
Jefferson.....	34,102	125	42,627	50	21,313	2,356	105	2,474	75	1,855
Jersey.....	32,785	70	22,949	30	6,885	725	100	725	50	362
JoDaviesss.....	30,828	112	34,527	40	13,811	.....	.....	.....	.....	.....
Johnson.....	22,652	98	22,199	43	9,545	1,801	80	1,441	47	677
Kane.....	23,658	120	28,390	1 60	45,424	.....	.....	.....	.....	.....
Kankakee.....	8,460	125	10,575	47	4,970	.....	.....	.....	.....	.....
Kendall.....	23,441	152	35,630	48	17,102	.....	.....	.....	.....	.....
Knox.....	36,307	47	17,064	1 00	17,064	.....	.....	.....	.....	.....
Lake.....	66,679	105	70,013	52	36,407	.....	.....	.....	.....	.....
LaSalle.....	59,139	89	52,634	62	32,633	.....	.....	.....	.....	.....
Lawrence.....	40,758	105	42,796	37	15,834	10,347	117	12,106	62	7,506
Lee.....	31,380	106	33,263	37	12,307	.....	.....	.....	.....	.....

APPLES AND PEACHES—Continued.

COUNTIES.	APPLES.					PEACHES.				
	Bushels produced in 1888, Assessors' returns.	Bushels produced in 1889, compared with 1888.	Bushels produced in 1889.	Price per bushel.	Value of product.	Bushels produced in 1888, Assessors' returns.	Bushels produced in 1889, compared with 1888.	Bushels produced in 1889.	Price per bushel.	Value of product.
Livingston....	39,117	153	59,849	\$0 53	\$31,720	.....	.....	.....	.....	.....
Logan.....	143,311	50	71,655	67	48,009	65	100	65	\$0 75	\$49
Macon.....	152,703	57	87,041	57	49,613	.....	.....	.....	.....	.....
Macoupin....	151,959	79	104,248	45	46,912	219	107	234	75	175
Madison.....	157,101	130	204,231	45	91,904	4,096	100	4,096	1 25	5,120
Marion.....	122,609	150	183,913	55	101,152	2,550	142	3,621	70	2,535
Marshall.....	25,164	90	22,648	60	13,589	.....	.....	.....	.....	.....
Mason.....	50,897	110	55,987	40	22,395	.....	.....	.....	.....	.....
Massac.....	70,021	55	38,511	45	17,33	1,437	*103	1,480	70	1,036
McDonough...	31,646	*53	32,772	1 00	16,772	.....	.....	.....	.....	.....
McHenry.....	33,361	98	32,694	58	18,962	15	100	16	*79	13
McLean.....	145,405	75	109,054	65	70,885	469	*103	483	*79	381
Menard.....	16,300	*68	11,084	77	8,535	.....	.....	.....	.....	.....
Mercer.....	64,104	82	52,565	62	32,590	.....	.....	.....	.....	.....
Monroe.....	39,458	110	43,404	*52	22,510	550	*103	566	*79	447
Montgomery...	120,223	85	102,189	42	42,919	943	114	1,075	1 00	1,075
Morgan.....	15,800	49	7,742	64	4,955	.....	.....	.....	.....	.....
Moultrie.....	46,484	*57	26,496	*48	12,718	242	*103	249	*79	197
Ogle.....	60,722	105	63,758	58	36,980	.....	.....	.....	.....	.....
Peoria.....	48,249	42	20,264	87	17,630	2,260	*103	2,328	2 00	4,656
Perry.....	22,931	133	30,498	50	15,249	1,875	103	1,931	87	1,680
Piatt.....	69,351	50	34,675	50	17,337	.....	.....	.....	.....	.....
Pike.....	145,755	15	21,863	62	13,555	.....	.....	.....	.....	.....
Pope.....	739,610	67	26,539	57	15,127	*610	50	305	62	189
Pulaski.....	125,780	70	88,046	75	66,034	.....	.....	.....	.....	.....
Putnam.....	16,273	77	12,530	55	6,891	.....	.....	.....	.....	.....
Randolph.....	66,723	103	68,725	*51	35,050	1,736	87	1,510	57	861
Richland.....	53,848	140	75,387	37	27,893	4,142	100	4,142	51	2,112
Rock Island...	89,130	93	82,891	60	49,735	75	95	71	1 50	106
Saline.....	40,906	112	45,815	45	20,617	2,115	97	2,051	53	1,087
Sangamon.....	203,149	*64	130,015	77	100,111	.....	.....	.....	.....	.....
Schuyler.....	†1,995	*58	1,157	50	578	.....	.....	.....	.....	.....
Scott.....	23,881	50	11,940	87	10,388	.....	.....	.....	.....	.....
Shelby.....	108,319	87	94,237	43	40,522	3,033	99	3,003	67	2,012
Stark.....	9,357	85	7,953	93	7,396	.....	.....	.....	.....	.....
St. Clair.....	101,981	100	101,981	53	54,050	1,025	100	1,025	1 10	1,127
Stephenson...	15,344	118	18,106	71	12,855	.....	.....	.....	.....	.....
Tazewell.....	99,879	76	75,918	72	54,661	.....	.....	.....	.....	.....
Union.....	163,647	60	98,188	50	49,094	39,605	87	34,456	55	18,951
Vermilion.....	119,820	51	61,108	81	49,497	20	*103	21	1 00	21
Wabash.....	16,500	95	15,675	47	7,397	50	110	55	38	21
Warren.....	32,667	85	27,767	70	19,437	.....	.....	.....	.....	.....
Washington...	743,858	115	50,437	40	20,175	†1,056	90	950	54	513
Wayne.....	54,245	120	65,094	50	32,547	18,437	110	20,281	30	6,084
White.....	34,143	149	50,947	42	21,398	160	106	170	60	102
Whiteside.....	44,411	92	40,858	75	30,643	.....	.....	.....	.....	.....
Will.....	28,075	150	42,112	50	21,056	.....	.....	.....	.....	.....
Williamson...	33,713	98	33,039	47	15,528	5,542	84	4,655	60	2,793
Winnebago.....	27,013	126	34,036	87	29,611	.....	.....	.....	.....	.....
Woodford.....	38,127	95	36,221	50	18,110	.....	.....	.....	.....	.....
Total or av..	6,289,409	80	5,016,616	\$0 56	\$2,822,859	176,866	100	177,145	\$0 77	\$136,782

*Estimated.

†Estimated same as in 1887.

PEARS, OTHER FRUITS AND BERRIES.

COUNTIES.	PEARS.					OTHER FRUITS AND BERRIES.		
	Bushels produced in 1888, Assessors' returns.	Bushels produced in 1889, compared with 1888.	Bushels produced in 1889.	Price per bushel.	Value of product.	Value of crop produced in 1888, Assessors' returns.	Value of crop of 1889, compared with 1888.	Value of crop of 1889.
Adams.....	397	80	318	\$1 75	\$556	\$6,647	75	\$4,985
Alexander.....								
Bond.....	40	100	40	87	35	45	103	46
Boone.....						600	100	600
Brown.....						331	100	331
Bureau.....						1,845	100	1,845
Calhoun.....								
Carroll.....						175	100	175
Cass.....						400	*94	376
Champaign.....						756	100	756
Christian.....	156	85	133	1 00	133	2,780	87	2,419
Clark.....	86	95	82	83	68	541	96	519
Clay.....	60	87	52	75	39	90	117	105
Clinton.....	63	103	65	77	50	21	92	19
Coles.....	55	87	48	1 00	48	535	75	401
Cook.....	20	115	23	1 50	34	250	100	250
Crawford.....	155	79	122	81	102	1,877	100	1,877
Cumberland.....						575	90	517
DeKalb.....								
DeWitt.....						100	83	83
Douglas.....						30	100	300
DuPage.....	150	*95	142	*1 00	142	35	150	52
Edgar.....	300	73	219	*1 00	219	2,587	50	1,293
Edwards.....						2,900	110	3,190
Effingham.....						*82	106	87
Fayette.....						81	100	81
Ford.....						180	95	76
Franklin.....	50	95	47	75	35	25	113	28
Fulton.....						10,770	107	11,524
Gallatin.....						*36	100	36
Greene.....	30	92	28	1 00	28	1,516	90	1,364
Grundy.....						360	*97	349
Hamilton.....	20	100	20	50	10			
Hancock.....	20	110	22	*1 00	22	2,039	75	1,529
Hardin.....								
Henderson.....								
Henry.....	60	*95	57	*1 00	57	1,195	100	1,195
Iroquois.....						448	100	448
Jackson.....	*705	100	705	1 50	1,057	16,267	87	5,452
Jasper.....	104	91	95	81	77	5	103	5
Jefferson.....	72	110	79	*1 00	79	346	100	346
Jersey.....	107	75	80	75	60	733	110	806
JoDavies.....						472	117	552
Johnson.....						855	108	923
Kane.....						660	85	561
Kankakee.....						306	77	236
Kendall.....						30	107	32
Knox.....	25	102	25	1 35	46	6,106	111	6,778
Lake.....						820	102	836
LaSalle.....						655	100	655
Lawrence.....	262	100	262	90	236	200	90	180
Lee.....						1,285	100	1,285

PEARS, OTHER FRUITS AND BERRIES—Continued.

COUNTIES.	PEARS.					OTHER FRUITS AND BERRIES.		
	Bushels produced in 1888. Assessors' returns.	Bushels produced in 1889, compared with 1888.	Bushels produced in 1889.	Price per bushel.	Value of product.	Value of crop produced in 1888. Assessors' returns.	Value of crop of 1889, compared with 1888.	Value of crop of 1889.
Livingston						\$637	102	\$650
Logan						1,070	100	1,070
Macon						894	90	805
Macoupin	154	100	154	\$0 90	\$139	380	95	361
Madison	1,111	97	1,078	85	916	4,273	112	4,786
Marion	505	105	530	93	493	45	120	54
Marshall						1,060	106	1,124
Mason						2,595	100	2,594
Massac	15	55	8	70	6	705	95	670
McDonough						900	100	900
McHenry	10	105	10	1 00	10	284	99	281
McLean						3,500	85	2,975
Menard								
Mercer						445	100	445
Monroe	20	*95	19	*1 00	19			
Montgomery	8	95	8	83	7	427	95	406
Morgan								
Moultrie						50	*93	46
Ogle						355	101	358
Peoria						2,580	92	2,374
Perry	165	90	148	1 00	148	145	102	148
Piatt	5	100	5	1 50	7	531	90	478
Pike	40	92	37	1 50	55	897	92	825
Pope	*52	83	43	83	36	743	90	39
Pulaski						1,600	88	1,408
Putnam								
Randolph	173	110	190	62	118	16	100	16
Richland	91	103	94	50	47	176	108	190
Rock Island						5,223	110	5,745
Saline	177	102	180	52	94	407	106	431
Sangamon	198	97	192	2 00	384	3,764	95	3,576
Schuyler						†950	100	950
Scott								
Shelby	84	105	88	1 50	132	635	112	711
Stark						50	125	62
St. Clair	325	93	302	92	278	2,005	100	2,005
Stephenson						656	100	656
Tazewell						1,355	99	1,341
Union	4,300	92	3,956	1 00	3,956	23,863	82	19,568
Vermilion						1,367	93	1,271
Wabash						40	95	38
Warren						1,319	99	1,306
Washington	†775	112	868	57	495	†511	104	531
Wayne	1,219	90	1,097	50	548			
White	600	111	666	75	499	140	105	147
Whiteside						2,755	92	2,535
Will						1,444	100	1,444
Williamson	360	93	279	81	226	323	96	310
Winnebago						4,854	108	5,242
Woodford						390	103	309
Total or average	13,264	95	12,616	\$0 93	\$11,746	\$134,331	94	\$126,685

*Estimated.

†Estimated same as in 1887.

DAIRY PRODUCTS.

COUNTIES.	BUTTER.					CHEESE.				
	Pounds sold in 1888, Assessors' returns	Pounds sold in 1889, compared with 1888	Pounds sold in 1889.	Price per pound.	Value of product.	Pounds sold in 1888, Assessors' returns	Pounds sold in 1889, compared with 1888	Pounds sold in 1889.	Price per pound.	Value of product.
Adams.....	186,961	87	162,656	\$0 16	\$26,925	1,300	*96	1,248	*\$0 17	\$212
Alexander....	1,868	90	1,681	20	336					
Bond.....	37,772	100	37,772	12	4,533	50	95	47	15	7
Boone.....	536,974	100	536,974	20	107,395	58,600	100	58,600	10	5,860
Brown.....	41,664	100	41,664	13	5,416	325	100	325	20	65
Bureau.....	366,740	105	385,077	16	61,612	120,444	*96	115,626	11	12,719
Calhoun.....	*8,150	105	8,557	17	1,455					
Carroll.....	456,404	107	488,352	18	87,903	6,780	*96	6,509	15	976
Cass.....	18,026	*100	18,026	17	3,064	2,600	*96	2,496	*15	374
Champaign..	229,523	100	229,523	15	34,428	475	100	475	10	47
Christian....	185,104	100	185,104	16	29,617	13,773	100	13,773	14	1,928
Clark.....	99,028	105	103,979	13	13,517					
Clay.....	73,092	100	73,092	15	10,964	150	*96	144	*13	19
Clinton.....	55,358	97	53,697	17	9,128	495	100	495	11	54
Coles.....	87,989	97	85,349	15	12,802	250	80	200	10	20
Cook.....	478,730	102	488,305	23	112,310	4,775	100	4,775	11	525
Crawford....	47,414	97	45,991	12	5,519	225	75	169	15	25
Cumberland..	30,848	110	33,933	11	3,738	201	*96	193	*13	25
DeKalb.....	1,230,027	100	1,230,027	22	270,606					
DeWitt.....	82,011	97	79,551	11	8,751					
Douglas.....	42,597	100	42,597	16	6,815					
DuPage.....	497,293	104	517,185	25	129,296	286,300	95	271,985	10	27,198
Edgar.....	127,361	100	127,361	11	14,010	50	*96	48	15	7
Edwards.....	35,482	110	39,030	12	4,684	300	105	315	09	28
Effingham...	*62,571	100	62,571	14	8,760					
Fayette.....	61,445	92	56,529	10	5,653					
Ford.....	*69,349	90	62,414	16	9,986					
Franklin....	15,796	105	16,586	12	1,990					
Fulton.....	335,940	107	359,456	15	53,918	2,615	100	2,615	12	314
Gallatin....	*11,882	75	8,911	15	1,337	*200	*96	192	*11	21
Greene.....	75,661	100	75,661	17	12,862	1,000	100	1,000	*12	120
Grundy.....	409,255	*100	409,255	*18	73,666	26,900	*96	25,824	*11	2,841
Hamilton....	14,829	65	9,639	11	1,060					
Hancock.....	280,520	100	280,520	15	42,078	1,135	100	1,135	*15	170
Hardin.....	785	100	785	15	118					
Henderson...	54,926	100	54,926	16	8,788	5,000	100	5,000	13	650
Henry.....	492,643	110	541,907	17	92,124	136,310	110	149,941	12	17,993
Iroquois....	302,871	96	270,756	17	131,028	310	90	279	11	31
Jackson.....	*46,120	100	46,120	20	9,224					
Jasper.....	61,644	99	61,027	11	6,713	880	80	704	12	84
Jefferson....	106,120	100	106,120	16	16,979	40	*96	38	*12	4
Jersey.....	80,057	90	72,051	15	10,808					
JoDaviess...	635,077	103	654,129	16	104,661	33,829	100	33,820	10	3,382
Johnson....	4,858	110	5,344	15	802	10	*96	10	*10	1
Kane.....	273,149	100	273,149	25	68,287	1,900	75	1,425	10	142
Kankakee....	359,830	98	352,633	19	67,000	10,410	80	8,328	12	999
Kendall.....	439,229	102	448,013	19	85,122	19,080	100	19,080	10	1,908
Knox.....	275,960	103	284,239	18	51,163	37,458	96	35,960	12	4,315
Lake.....	897,619	103	924,547	23	212,646	10,900	92	10,028	08	802
LaSalle.....	654,221	98	641,136	18	115,404	6,985	100	6,985	12	838
Lawrence...	54,485	112	61,023	15	9,153					
Lee.....	456,819	101	461,387	21	96,891	18,920	85	16,082	11	1,769

DAIRY PRODUCTS—Continued.

COUNTIES.	BUTTER.					CHEESE.				
	Pounds sold in 1888, Assessors' returns.	Pounds sold in 1889, compared with 1888	Pounds sold in 1889.	Price per pound.	Value of product.	Pounds sold in 1888, Assessors' returns.	Pounds sold in 1889, compared with 1888	Pounds sold in 1889	Price per pound.	Value of product.
Livingston...	541,485	109	541,485	\$0 16	\$86,638	4,520	100	4,520	\$0 12	\$542
Logan.....	130,766	110	143,843	14	20,138	30	*96	29	*14	4
Macon.....	152,163	100	152,163	14	21,303	800	100	800	20	160
Macoupin...	138,456	107	148,148	12	17,778	679	100	679	*10	68
Madison.....	240,321	90	216,289	20	43,258	6,440	60	3,864	06	232
Marion.....	85,175	113	96,248	15	14,437	1,350	87	1,174	17	199
Marshall.....	159,717	95	151,731	15	22,760					
Mason.....	81,465	100	81,465	18	14,664					
Massac.....	106,798	*102	108,934	15	16,340					
McDonough...	61,829	100	61,829	15	9,274	200	100	200	15	30
McHenry.....	1,220,180	101	1,232,382	25	308,095	277,450	100	277,450	11	30,519
McLean.....	316,193	*100	316,193	16	50,591	14,702	*96	14,114	*11	1,552
Menard.....	81,260	102	82,885	13	10,775	170	100	170	*13	22
Mercer.....	302,777	92	278,555	17	47,354					
Monroe.....	92,135	105	96,742	*15	14,511	1,004	*96			
Montgomery	180,345	98	176,787	11	19,446	443	*96	964	*11	106
Morgan.....	59,050	100	59,050	15	8,857	4,500	*96	425	12	51
Moultrie.....	86,049	*101	36,409	*14	5,097			4,320	*14	605
Ogle.....	758,476	93	705,383	19	134,023	19,150	82	15,703	*12	1,884
Peoria.....	195,837	100	195,837	17	33,292	25,803	100	325,803	14	45,612
Perry.....	9,075	103	9,347	17	1,589	430	100	430	08	34
Piatt.....	24,257	100	24,257	12	2,911					
Pike.....	105,148	100	105,148	14	14,721	2,725	*96	2,616	15	392
Pope.....	114,209	100	14,209	12	1,705	*30	*96	29	10	3
Pulaski.....	18,595	97	18,037	22	3,968					
Putnam.....	75,095	104	78,099	13	10,153					
Randolph...	75,763	103	78,636	13	10,145	4,157	100	4,157	10	416
Richland...	79,051	100	79,051	13	10,277	6,460	100	6,460	09	531
Rock Island.	395,581	98	387,669	18	69,780	1,300	110	1,430	09	129
Saline.....	33,336	104	34,669	13	4,507	90	100	90	10	9
Sangamon...	200,456	100	200,456	19	38,087	250	*96	240	*13	31
Schuyler.....	198,303	100	98,303	15	14,745	120	100	20	*19	4
Scott.....	18,247	100	18,247	12	2,190	2,000	100	2,000	11	220
Shelby.....	123,556	108	133,440	12	16,013	630	100	630	13	82
Stark.....	104,531	101	105,576	16	16,892	6,200	100	6,200	13	806
St. Clair...	378,569	105	397,497	18	71,549	43,855	100	43,855	12	5,263
Stephenson...	613,335	102	625,602	14	87,584	7,108	99	7,037	19	704
Tazewell...	227,451	102	232,000	16	37,120	9,485	98	9,295	13	1,208
Union.....	46,632	100	46,632	15	6,395	850	*96	816	*11	90
Vermilion...	162,642	100	162,642	16	26,023	1,060	100	1,060	10	106
Wabash.....	25,236	102	25,741	17	4,376					
Warren.....	118,024	102	120,384	16	19,261	1,025	97	994	13	129
Washington	*66,652	101	67,318	19	12,790	*1,422	100	1,422	12	171
Wayne.....	34,737	100	34,737	10	3,474	50	100	50	12	6
White.....	145,501	103	149,866	13	19,482	202	*96	194	12	23
Whiteside...	875,586	102	893,098	18	160,758					
Will.....	783,149	100	783,149	20	156,630	100	100	100	10	10
Williamson...	8,792	105	9,232	18	1,662					
Winnebago...	847,603	92	779,795	22	171,555	63,300	96	60,768	11	6,684
Woodford...	130,076	100	130,076	15	19,511	4,615	100	4,615	06	277
Total or av	22,769,792	100	22,840,988	\$0 18	\$4,175,224	1,625,571	98	1,600,592	\$0 11	\$185,437

*Estimated.

†Estimated same as in 1887.

DAIRY PRODUCTS.

COUNTIES.	MILK.					CREAM.				
	Gallons sold in 1888, Assessors' returns	Gallons sold in 1889, compared with 1888.	Gallons sold in 1889.	Price per gallon.	Value of product.	Gallons sold in 1888, Assessors' returns.	Gallons sold in 1889, compared with 1888.	Gallons sold in 1889.	Price per gallon.	Value of product.
Adams	82,394	*105	86,514	\$0*15	\$12,977	17,009	*92	15,648	*40 48	\$7,511
Alexander						100	*91	91	48	44
Bond	171,740	102	175,175	10	17,517	23,623	112	25,338	*48	12,162
Boone	2,594,110	117	3,035,109	08	242,809	4,118	75	3,088	*42	1,482
Brown	656	112	735	10	73	5,640	112	6,817	25	1,579
Bureau	59,117	*101	59,708	*15	8,956	34,253	105	35,966	*48	17,264
Calhoun										
Carroll	67,646	170	114,998	*15	17,250	93,240	72	67,133	*48	32,224
Cass	10,600	*104	11,024	*15	1,654	120	*102	122	*48	58
Champaign	16,575	100	16,575	12	1,989	20,705	100	20,705	50	10,352
Christian	21,562	100	21,562	20	4,312	526	100	526	40	210
Clark	150	*94	141	10	14	130	*95	123	*48	59
Clay	9,666	100	9,666	20	1,933	40	100	40	*48	19
Clinton	159,585	97	154,797	14	21,67	75,503	103	77,768	*48	37,329
Coles	64,000	90	57,600	20	11,520	12,380	90	11,142	75	8,356
Cook	9,424,228	103	9,706,955	12	1,164,835	234,431	110	257,874	*48	123,769
Crawford	325	90	292	15	44	200	92	184	35	64
Cumberland	800	100	800	*15	120	2,174	107	2,326	*48	1,116
DeKalb	2,730,643	110	3,003,707	10	300,371	4,339	90	3,905	*48	1,874
DeWitt	13,450	97	13,046	20	2,609	440	90	396	28	111
Douglas						632	*97	6 3	*48	110
DuPage	6,987,327	107	7,476,440	11	822,408	6,445	100	6,445	*48	3,094
Edgar	20,400	*93	18,972	20	3,794	5,246	*92	4,826	*48	2,316
Edwards	89,875	110	98,862	10	9,886	410	*119	488	*48	234
Effingham	18,867	110	9,754	15	1,463	117	100	47	30	14
Fayette	29,125	100	29,125	*15	4,369	3,340	100	3,340	*48	1,603
Ford	16,504	*99	6,439	10	644	16,177	90	55,059	*48	26,428
Franklin	3 2	*102	3 8	15	48					
Fulton	91,375	89	81,324	22	17,891	15,405	79	12,170	45	5,476
Gallatin	11,740	*109	1,897	*15	284					
Greene	5,930	90	5,337	*15	800	16,162	90	14,546	*48	6,982
Grundy	21,000	*100	21,000	*5	3,150	32,316	*96	31,023	*48	14,891
Hamilton										
Hancock	16,895	110	18,584	*15	2,788	25,307	90	22,776	*48	10,932
Hardin										
Henderson	370	100	370	15	55	4,885	92	4,494	33	1,472
Henry	94,830	110	104,313	*15	15,647	64,463	110	70,909	*48	34,036
Iroquois	60,034	95	57,032	*15	8,555	112,961	*03	116,350	*48	55,848
Jackson	120,570	100	20,570	15	3,085	14,540	*92	4,177	*48	2,005
Jasper	171	95	162	*15	24	465	90	418	*48	201
Jefferson	95	*104	99	*15	15	605	95	575	*48	276
Jersey	98,390	*106	104,293	06	6,27	11,603	*97	11,255	30	3,376
JoDavies	4,065	90	3,658	05	183	40,970	97	39,741	67	26,626
Johnson	350	*101	353	*15	53	8	*94	7	*48	3
Kane	16,784,986	103	17,288,535	11	1,901,739	68,908	92	63,895	42	26,626
Kankakee	437,849	112	490,391	18	88,270	43,507	92	40,026	*48	19,212
Kendall	562,970	102	574,229	13	74,650	45,730	100	45,730	60	27,438
Knox	103,495	100	103,495	11	11,384	16,657	95	15,824	*48	7,595
Lake	4,160,799	102	4,244,015	10	424,401	38,300	100	38,800	39	14,937
LaSalle	366,820	87	319,133	20	63,827	34,568	100	34,568	42	14,518
Lawrence	1,890	110	2,079	15	312	10	110	11	40	4
Lee	60,805	106	64,453	20	12,891	186,538	102	190,269	60	114,161

DAIRY PRODUCTS—Continued.

COUNTIES.	MILK.					CREAM.				
	Gallons sold in 1888, Assessors' returns.	Gallons sold in 1889, compared with 1888.	Gallons sold in 1889.	Price per gallon.	Value of product.	Gallons sold in 1888, Assessors' returns.	Gallons sold in 1889, compared with 1888.	Gallons sold in 1889.	Price per gallon.	Value of product.
Livingston..	80,381	100	80,381	\$0 21	\$16,880	55,923	90	50,331	\$0 25	\$12,583
Logan	66,134	*101	66,795	*15	10,019	1,411	*98	1,383	*48	664
Macon	59,220	100	59,220	*15	8,883	8,340	100	8,340	*48	4,003
Macoupin ..	560,930	103	577,758	*15	86,664	9,613	102	9,805	*48	4,706
Madison	812,417	130	1,056,142	12	126,737	58,729	100	58,729	42	24,666
Marion	35,505	100	35,505	17	6,036	2,486	95	2,362	*48	1,134
Marshall	116,547	102	118,878	20	23,776	40	97	39	40	16
Mason	5,450	100	5,450	20	1,090					
Massac										
McDonough ..	6,220	100	6,220	20	1,244	17,935	100	17,935	40	7,174
McHenry	12,622,621	102	12,875,073	07	901,255	4,925	99	4,876	*48	2,340
McLean	114,570	*99	113,424	20	22,685	32,549	*99	32,223	*48	15,467
Menard	18,730	100	18,730	20	3,746	460	100	460	*48	221
Mercer	7,318	*102	7,464	*15	1,120	53,270	98	52,205	26	13,573
Monroe	16,767	*108	18,108	*15	2,716					
Montgomery ..	31,207	100	31,207	20	6,241	25,154	110	27,669	*48	13,281
Morgan	41,000	100	41,000	*15	6,150	55,000	100	55,000	75	41,250
Moultrie	2,038	*95	1,936	*15	290	6,601	*98	6,469	*48	3,105
Ogle	171,285	97	156,446	*15	23,467	298,734	97	289,772	*48	139,090
Peoria	338,677	120	400,412	*15	60,062	103,835	100	103,835	*48	49,841
Perry	54,615	105	57,746	12	6,881	2,001	102	2,041	40	817
Piatt	4,597	*98	4,505	*15	676	17,682	120	21,218	*48	10,185
Pike	22,828	100	22,828	*15	3,424	9,685	*99	9,588	*48	4,602
Pope						112	*98	110	*48	53
Pulaski										
Putnam	150	*97	145	*15	22					
Randolph ..	835,464	107	893,946	12	107,273					
Richland	5,280	00	5,280	13	686					
Rock Island ..	161,073	100	161,073	*15	24,171	34,525	97	33,489	*48	16,075
Saline	2,435	102	2,484	15	373					
Sangamon	86,276	110	94,904	*15	14,236	1,149	100	1,149	*48	551
Schuyler	111,375	100	113,75	*15	1,706	19,734	75	14,800	60	8,880
Scott	1,546	100	1,546	20	309	21	100	20	40	8
Shelby	2,373	94	2,231	0	223	11,104	85	9,438	*48	4,530
Stark	535	101	510	20	168	28,312	105	29,728	40	11,891
St. Clair	341,705	110	375,875	14	52,622	16,041	100	16,041	60	9,625
Stephenson ..	960,537	109	1,046,985	7	73,289	70,138	82	57,513	78	44,860
Tazewell	40,965	100	40,965	16	6,554	1,419	100	1,419	40	568
Union	18,910	*100	18,910	*5	2,836	2,323	82	17,485	*48	8,393
Vermilion	102,950	87	89,566	*15	13,435	6,001	80	4,800	28	1,344
Wabash										
Warren	12,415	98	12,167	20	2,433	11,122	97	10,788	62	6,688
Washington ..	103,247	15	118,734	10	11,873	19,685	100	9,685	*48	
Wayne	1,565	100	1,565	20	313					
White						9,000	137	12,330	*48	4,656
Whiteside	81,730	*114	93,172	*15	3,976	302,372	102	308,419	*48	148,041
Will	2,176,402	100	2,176,402	15	326,460	54,142	100	54,142	*48	25,988
Williamson										
Winnebago	1,399,631	97	1,357,642	*15	203,646	83,665	92	76,972	40	30,785
Woodford	45	100	45	15	7	9,971	103	10,270	*48	4,930
Total or av.	66,985,752	104	69,874,016	\$0.11	\$7,466,110	2,823,375	99	2,778,952	\$0.49	\$1,352,587

*Estimated.

†Estimated same as in 1887.

BEEF CATTLE AND DAIRY COWS.

COUNTIES.	BEEF CATTLE.						DAIRY COWS.				
	Number of cattle assessed May, 1889.	Number marketed 1889.	Average live weight lbs.	Total live weight, lbs.	Average value per cwt., live weight.	Total value.	Supply on hand Dec. 1, 1889, compared with 1888.	Price per cwt., Dec. 1, 1889, live weight.	Number kept 1889, Assessors' returns.	Value per head.	Total value.
Adams	34,147	7,854	1,100	8,639,400	\$3 25	\$280,780	80	\$3 10	9,199	\$27	\$248,373
Alexander	1,925	443	750	332,250	1 70	5,648	102	1 75	386	20	7,720
Bond	11,746	2,701	967	2,611,867	2 65	69,224	93	2 60	3,791	23	87,193
Boone	20,178	4,641	1,100	5,105,100	2 85	145,495	93	2 55	11,345	27	306,315
Brown	5,738	3,620	1,187	4,296,940	2 90	124,611	70	3 10	3,192	24	76,608
Bureau	51,098	11,752	1,175	13,808,600	3 50	483,301	100	2 90	745	21	15,645
Calhoun	74,262	980	950	931,000	3 00	27,930	100	3 50	11,809	22	39,798
Carroll	37,950	8,728	950	8,291,600	3 00	248,748	93	3 00	11,269	22	247,918
Cass	3,527	3 1 1	1,350	4,199,850	2 95	123,895	122	3 75	2,667	25	66,675
Champaign	47,975	11,034	1,300	14,344,200	3 35	480,531	100	3 50	10,715	25	267,875
Christian	37,476	8,619	1,200	10,342,800	3 20	330,970	86	3 30	8,031	22	176,682
Clark	13,483	3,101	1,079	3,345,979	2 60	86,995	93	2 25	5,109	20	102,180
Clay	10,272	2,362	975	2,302,950	2 40	48,362	90	2 25	3,732	20	74,640
Clinton	10,239	2,355	1,133	2,668,215	2 35	62,703	103	2 50	4,894	23	112,562
Coles	18,133	4,170	1,250	5,212,500	3 49	177,225	81	3 35	5,561	23	81,903
Cook	35,427	8,148	850	6,925,800	3 01	207,774	103	2 90	26,924	30	807,720
Crawford	10,354	2,381	975	2,321,475	2 35	54,555	97	2 35	3,036	20	60,720
Cumberland	8,870	2,040	1,400	2,856,000	2 60	74,256	03	2 40	2,643	21	55,503
DeKalb	42,986	9,887	900	8,898,300	2 10	186,864	95	2 10	22,399	31	694,369
DeWitt	21,309	4,901	1,150	5,636,150	2 85	160,630	92	2 65	2,896	24	69,504
Douglas	21,055	4,843	1,200	5,811,600	3 30	191,783	75	3 00	2,830	27	76,410
DuPage	19,751	4,543	1,100	4,997,300	3 00	149,919	97	3 50	16,078	25	401,950
Edgar	32,202	7,406	1,150	8,516,900	2 85	242,732	90	3 25	5,47	27	147,717
Edwards	7,441	1,712	1,100	1,883,200	2 25	42,372	110	2 00	2,641	23	60,743
Effingham	12,817	2,948	775	2,284,700	2 20	50,263	103	2 30	14,411	22	97,402
Fayette	12,279	2,824	*1,024	2,891,776	2 00	57,835	85	2 00	3,787	17	64,379
Ford	*18,932	4,354	1,212	5,277,048	3 25	171,504	91	3 30	15,605	22	123,310
Franklin	4,619	1,062	919	975,978	2 25	21,959	97	2 45	2,123	21	44,583
Fulton	46,995	10,809	1,150	12,430,350	2 85	354,265	93	2 90	9,384	27	253,368
Gallatin	74,453	1,024	775	793,600	1 85	14,682	75	2 00	7,107	17	18,839
Greene	27,872	6,410	1,275	8,172,750	3 60	294,219	95	3 60	4,247	22	93,434
Grundy	18,861	4,338	*1,100	4,771,800	*3 0	147,926	*95	*3 10	6,391	*24	153,384
Hamilton	9,338	2,148	900	1,933,200	2 15	41,564	101	2 25	2,443	21	51,303
Hancock	47,210	10,858	1,150	12,486,700	2 90	362,114	98	2 75	10,633	22	233,926
Hardin	2,996	689	1,000	69,000	2 50	17,225	100	2 00	1,052	15	15,780
Henderson	20,052	4,612	1,212	5,589,744	3 50	195,641	94	3 55	1,743	22	38,346
Henry	58,321	13,414	1,200	16,096,800	3 25	523,146	110	3 25	15,550	25	388,750
Iroquois	58,059	13,353	1,152	15,382,656	2 90	446,097	93	3 00	19,203	20	384,060
Jackson	16,740	1,550	1,000	1,550,000	2 00	31,000	100	2 25	11,998	22	43,956
Jasper	13,229	3,043	992	3,018,656	2 50	75,466	101	2 60	3,759	20	75,180
Jefferson	10,035	2,338	1,000	2,308,000	2 10	48,468	112	2 25	2,902	22	63,844
Jersey	12,684	2,917	1,200	3,500,400	2 50	87,510	80	2 00	3,778	20	73,560
JoDavies	47,518	10,943	908	9,936,244	2 80	278,215	103	3 00	15,785	19	299,915
Johnson	2,701	621	767	476,307	1 70	8,097	100	1 85	808	19	15,352
Kane	47,460	10,916	1,100	12,007,600	2 50	300,190	92	2 50	35,876	30	1,076,280
Kankakee	25,177	5,791	1,100	6,370,100	3 00	191,103	102	3 25	10,627	23	244,421
Kendall	19,636	4,516	1 1 0	4,967,600	3 10	153,996	100	3 10	8,594	27	232,038
Knox	47,986	11,037	1,233	13,608,621	2 95	401,454	96	3 70	9,770	27	261,790
Lake	29,493	6,783	1,200	8,139,600	2 85	231,979	97	2 85	17,909	31	555,179
LaSalle	54,663	12,572	1,200	15,086,400	3 60	543,110	92	3 25	18,333	26	476,658
Lawrence	11,651	2,680	900	2,412,000	2 50	60,300	95	2 70	3,815	20	76,300
Lee	45,195	10,395	1,175	12,214,125	3 25	396,959	101	3 20	15,608	25	390,200

BEEF CATTLE AND DAIRY COWS—Continued.

COUNTIES.	BEEF CATTLE.						DAIRY COWS.					
	Number of cattle assessed May, 1889.	††Number marketed 1889.	Average live weight, lbs.	Total live weight, lbs.	Average value per cwt., live weight.	Total value.	Supply on hand Dec. 1, 1889, compared with 1888.	Price per cwt., Dec. 1, 1889, live weight.	Number kept 1889, As- sessors' returns.	Value per head.	Total value.	
Livingston ..	50,030	11,507	1,100	12,657,700	\$2 60	\$329,100	82	\$2 40	16,872	\$21	\$354,312	
Logan	26,688	6,138	1,000	6,138,000	3 00	184,140	80	2 75	6,240	20	124,800	
Macon	24,945	5,737	1,250	7,171,250	3 35	240,237	97	3 15	5,160	26	134,160	
Macoupin	35,923	8,262	1,100	9,088,200	2 85	259,014	89	2 35	9,364	24	224,736	
Madison	16,897	3,886	1,000	3,886,000	1 75	68,005	90	2 00	9,807	30	294,210	
Marion	10,905	2,508	933	2,339,964	2 30	53,819	87	2 20	3,439	17	58,463	
Marshall	18,198	4,185	1,062	4,444,470	2 75	122,223	97	2 75	3,589	29	104,081	
Mason	9,450	2,173	950	2,064,350	2 50	51,609	100	2 50	3,992	25	99,800	
Massac	4,005	921	700	644,700	1 85	11,927	75	2 00	1,564	17	26,588	
McDonough ..	20,997	4,829	1,250	6,036,250	4 00	241,450	100	4 00	3,970	30	119,100	
McHenry	59,734	13,739	1,033	14,192,387	2 50	354,810	102	2 40	39,428	28	1,103,984	
McLean	63,432	14,589	1,150	16,777,350	3 35	562,041	90	3 25	12,567	26	326,742	
Menard	12,591	2,896	1,265	3,663,440	3 30	120,893	89	3 20	910	23	20,930	
Mercer	40,964	9,422	1,255	11,824,610	3 65	431,598	76	3 70	9,172	25	229,300	
Monroe	4,497	1,034	900	930,600	3 00	27,918	105	3 00	2,451	*23	56,373	
Montgomery ..	31,655	7,281	1,050	7,645,050	2 70	206,416	79	2 60	8,341	23	191,843	
Morgan	20,989	4,827	1,312	6,333,024	3 60	227,989	90	3 70	3,985	27	107,595	
Moultrie	10,404	2,393	*1,258	3,010,394	*3 10	93,322	*9	*2 95	2,272	*24	54,528	
Ogle	56,578	13,013	967	12,583,571	2 85	358,632	87	3 00	19,877	23	457,171	
Peoria	26,280	6,044	1,025	6,195,100	2 85	176,560	90	2 85	7,992	24	207,792	
Perry	2,819	648	800	518,400	1 85	9,590	100	1 65	1,145	25	28,625	
Piatt	11,230	2,583	*1,217	3,143,511	2 75	86,446	110	2 75	2,778	25	69,450	
Pike	28,650	6,589	1,167	7,689,363	3 35	257,594	98	3 35	6,275	23	144,325	
Pope	*5,142	1,183	800	946,400	1 85	17,568	105	1 90	*1,670	18	30,060	
Pulaski	3,339	768	883	678,144	2 20	14,919	97	2 15	1,234	17	20,978	
Putnam	6,888	1,584	1,225	1,940,400	2 95	57,242	99	3 15	1,933	25	48,325	
Randolph	11,767	2,706	900	2,435,400	2 50	60,885	102	2 15	6,090	21	127,890	
Richland	10,360	2,383	1,000	2,383,000	2 25	53,617	91	2 20	2,571	16	41,136	
Rock Island ..	27,293	6,277	1,200	7,532,400	3 00	225,972	90	2 70	8,325	27	224,775	
Saline	7,768	1,787	850	1,518,950	1 95	29,619	107	1 70	2,808	16	44,928	
Sangamon	52,274	12,023	1,292	15,538,716	3 50	543,680	87	3 50	7,970	27	215,190	
Schuyler	*23,578	5,423	*1,162	6,301,526	3 00	189,046	100	3 25	*5,755	15	86,325	
Scott	5,294	1,218	1,300	1,583,400	3 25	51,460	100	3 50	1,406	30	42,180	
Shelby	26,228	6,032	1,333	8,040,656	2 65	213,077	94	2 40	6,044	19	114,836	
Stark	17,752	4,083	1,200	4,899,600	3 10	151,888	90	3 25	3,341	27	90,207	
St. Clair	14,411	3,314	850	2,816,900	3 00	84,507	110	3 25	9,089	25	227,225	
Stephenson ..	43,190	9,934	1,003	9,963,803	2 60	259,059	98	3 00	15,306	26	397,956	
Tazewell	24,652	5,670	1,112	6,305,040	2 65	167,083	97	2 60	6,840	26	177,840	
Union	7,935	1,825	712	1,299,400	1 85	24,039	90	1 75	2,453	10	49,060	
Vermilion	38,654	8,890	1,312	11,663,680	3 50	408,229	96	3 40	7,722	21	162,162	
Wabash	6,030	1,887	967	1,841,221	2 25	30,177	83	2 15	1,488	21	31,248	
Warren	41,556	9,558	1,200	11,489,600	3 60	412,906	92	3 75	6,854	27	185,058	
Washington ..	*10,920	2,512	950	2,386,400	2 95	70,399	99	2 55	*6,598	22	145,156	
Wayne	14,076	3,237	1,000	3,237,000	4 00	129,480	110	3 50	4,663	20	93,260	
White	13,388	3,079	937	2,885,023	2 60	75,010	96	2 50	3,092	20	61,840	
Whiteside	55,001	12,650	1,300	16,445,000	3 00	493,350	100	3 50	19,323	25	483,075	
Will	36,156	8,316	1,000	8,316,000	3 00	249,480	100	3 50	20,505	25	512,625	
Williamson ..	2,158	496	915	453,840	2 00	9,077	124	2 05	2,763	21	58,023	
Winnebago ..	34,919	8,031	1,050	8,432,550	2 70	227,679	90	2 90	14,761	25	369,025	
Woodford	25,019	5,734	983	5,656,182	2 65	149,889	97	2 60	6,652	27	179,604	
Total or av...	2,398,191	551,571	1,115	615,094,645	\$3 00	\$18,388,190	95	\$2 80	761,050	\$25	\$18,894,765	

*Estimated.

†Estimated same as in 1888.

††Twenty-three per cent. of number assessed.

HOG PRODUCT.

COUNTIES.	Number of hogs as- sessed May, 1889.	Number marketed, 1889.	Average live weight— pounds.	Total live weight— pounds.	Average value per cwt., live weight.	Total value, live weight.	Supply on hand Dec. 1, 1889, compared with Dec. 1, 1888.	Price per cwt. Dec. 1, 1889—live weight.
Adams.....	69,981	58,084	232	13,475,488	\$3 85	\$518,806	80	\$3 25
Alexander.....	1,805	1,498	225	337,050	3 85	12,976	101	3 75
Bond.....	19,611	16,277	203	3,304,231	3 80	125,561	100	3 40
Boone.....	21,520	17,862	247	4,411,914	3 65	161,035	80	3 35
Brown.....	23,424	19,442	250	4,860,500	3 85	187,129	97	3 25
Bureau.....	89,412	74,212	275	20,408,300	3 75	765,311	100	3 25
Calhoun.....	+10,135	8,412	272	2,288,064	3 95	90,378	95	3 65
Carroll.....	54,310	45,077	260	11,720,020	4 10	480,521	82	3 40
Cass.....	19,782	16,419	275	4,515,225	4 00	180,609	100	3 50
Champaign.....	88,584	73,525	230	16,910,750	3 60	608,787	100	3 20
Christian.....	65,805	54,618	205	11,196,690	3 85	431,072	97	3 30
Clark.....	22,384	18,579	206	3,827,274	3 70	141,609	74	3 20
Clay.....	12,492	10,368	235	2,436,480	3 60	87,713	100	3 20
Clinton.....	16,446	13,650	223	3,043,950	3 60	109,582	117	3 35
Coles.....	31,504	26,148	197	5,151,156	3 70	190,593	75	3 20
Cook.....	18,243	15,142	234	3,543,228	3 70	131,099	98	3 85
Crawford.....	13,398	11,120	190	2,112,800	3 90	82,399	79	2 95
Cumberland.....	11,818	9,809	233	2,285,497	3 75	85,706	112	3 25
DeKalb.....	65,610	54,456	250	13,614,000	3 55	483,297	100	3 55
DeWitt.....	49,004	40,673	205	8,337,965	3 65	304,336	85	3 25
Douglas.....	47,001	39,011	225	8,774,475	3 90	342,321	90	3 65
DuPage.....	16,826	13,965	237	3,309,705	4 15	137,353	105	3 45
Edgar.....	43,718	36,286	200	7,257,200	3 75	272,145	93	3 30
Edwards.....	10,932	9,073	250	2,268,250	3 50	79,389	90	3 20
Effingham.....	+14,792	12,277	177	2,173,029	3 30	71,710	96	3 20
Fayette.....	14,838	11,900	240	2,856,000	3 80	108,528	100	3 55
Ford.....	+25,142	20,868	267	5,571,756	3 80	211,727	91	3 45
Franklin.....	10,557	8,762	212	1,857,544	3 55	65,943	107	3 25
Fulton.....	99,038	82,201	245	20,139,245	3 65	735,082	93	3 30
Gallatin.....	+8,228	6,829	205	1,399,945	3 50	48,998	95	3 25
Greene.....	44,739	37,133	231	8,577,723	3 65	313,087	97	3 35
Grundy.....	25,261	20,967	*256	5,367,552	*3 60	193,232	*87	*3 25
Hamilton.....	13,080	10,856	183	1,986,648	3 65	72,513	104	3 40
Hancock.....	65,581	54,432	227	12,356,064	3 70	457,174	103	3 25
Hardin.....	6,322	5,247	224	1,175,328	4 00	47,013	95	3 00
Henderson.....	34,901	28,968	255	7,386,840	3 60	265,926	68	3 25
Henry.....	85,693	71,125	280	19,915,000	3 50	697,025	117	3 35
Iroquois.....	84,683	70,287	242	17,009,454	3 85	654,864	89	3 30
Jackson.....	+7,243	6,012	212	1,274,544	3 50	44,609	112	4 00
Jasper.....	15,208	12,623	205	2,587,715	3 70	95,745	96	3 35
Jefferson.....	11,476	9,525	220	2,095,500	3 65	76,486	105	3 25
Jersey.....	39,233	32,563	200	6,512,600	3 50	227,941	100	3 25
JoDavies.....	55,262	45,867	205	9,402,735	3 50	329,096	100	3 60
Johnson.....	5,088	4,223	178	751,694	3 40	25,557	97	3 15
Kane.....	24,702	20,503	275	5,638,325	3 60	202,980	67	3 30
Kankakee.....	29,467	24,458	265	6,481,370	3 60	233,329	72	3 35
Kendall.....	30,799	25,563	244	6,237,372	3 60	224,545	89	3 25
Knox.....	83,651	69,430	295	20,481,850	3 85	788,551	89	3 40
Lake.....	16,956	14,073	255	3,588,615	3 75	134,573	92	3 50
LaSalle.....	82,770	68,699	274	18,823,526	3 80	715,294	92	3 50
Lawrence.....	19,343	16,055	187	3,002,285	3 60	108,082	65	3 35
Lee.....	43,055	35,736	220	8,934,000	3 55	317,157	87	3 35

HOG PRODUCT—Continued.

COUNTIES.	Number of hogs assessed May, 1889.	Number marketed 1889.	Average live weight—pounds.	Total live weight—pounds.	Average value per cwt., live weight.	Total value, live weight.	Supply on hand Dec. 1, 1889, compared with Dec. 1, 1888.	Price per cwt. Dec. 1, 1889—live weight.
Livingston.....	87,485	72,612	270	19,605,240	\$3 45	\$676,381	83	\$2 90
Logan.....	69,967	58,073	260	15,098,980	4 00	603,959	100	3 65
Macon.....	55,109	45,740	238	10,886,120	3 75	408,229	93	3 25
Macoupin.....	57,349	47,600	212	10,091,200	3 70	373,374	99	3 20
Madison.....	39,173	32,513	237	7,705,581	3 95	304,370	110	3 50
Marion.....	10,816	8,977	216	1,939,032	3 80	73,683	102	3 15
Marshall.....	39,840	33,067	271	9,159,559	2 90	265,627	79	3 50
Mason.....	32,897	19,004	225	4,275,900	3 80	162,484	100	3 25
Massac.....	6,213	5,157	162	833,434	3 50	29,240	62	3 60
McDonough.....	34,077	28,284	200	5,656,800	4 00	226,272	10	3 75
McHenry.....	32,532	27,001	230	6,210,230	3 45	214,253	101	3 35
McLean.....	133,564	110,858	230	25,497,340	3 70	943,401	95	3 35
Menard.....	14,746	12,239	251	3,071,989	3 55	109,056	90	3 30
Mercer.....	79,110	65,661	236	15,495,996	3 55	550,108	105	3 25
Monroe.....	10,292	8,542	250	2,135,500	4 00	85,420	110	3 50
Montgomery.....	53,933	44,764	219	9,803,316	3 95	387,231	102	3 50
Morgan.....	21,409	17,769	216	3,838,104	4 10	157,362	100	3 40
Moultrie.....	19,419	16,118	190	3,062,420	4 00	122,497	90	3 35
Ogle.....	73,604	61,091	250	15,272,750	3 85	588,001	87	3 15
Peoria.....	61,522	51,063	287	14,655,081	3 75	549,565	75	3 40
Perry.....	3,117	2,587	200	517,400	3 55	18,368	100	3 25
Piatt.....	25,489	21,156	225	4,760,100	3 50	166,603	100	3 25
Pike.....	46,915	38,939	225	8,761,275	3 80	332,928	77	3 30
Pope.....	18,798	7,302	232	1,694,064	3 35	56,751	102	3 20
Pulaski.....	2,530	2,100	227	476,700	3 60	17,161	82	3 35
Putnam.....	10,948	9,087	261	2,371,707	3 75	88,939	86	3 40
Randolph.....	18,267	15,162	192	2,911,104	3 75	109,166	102	3 35
Richland.....	12,569	10,432	216	2,253,312	3 50	78,866	86	3 20
Rock Island.....	36,031	29,906	245	8,523,210	3 25	277,004	85	3 25
Saline.....	14,990	12,442	187	2,326,654	3 65	84,923	116	3 15
Sangamon.....	87,307	72,465	228	16,522,020	4 00	660,881	87	3 16
Schuyler.....	133,910	28,145	230	6,473,350	3 90	252,461	100	3 30
Scott.....	12,768	10,597	235	2,384,305	4 00	95,373	125	3 25
Shelby.....	42,106	34,948	235	8,212,780	3 80	312,086	102	3 05
Stark.....	28,425	23,593	261	6,134,180	3 75	230,032	87	3 35
St. Clair.....	25,850	12,455	215	4,612,825	4 15	191,432	102	3 90
Stephenson.....	69,947	58,056	249	14,455,944	3 55	513,186	92	3 45
Tazewell.....	45,678	37,913	262	9,933,206	3 75	372,495	97	3 40
Union.....	15,944	13,233	177	2,342,241	3 35	78,465	100	3 00
Vermilion.....	66,499	55,194	215	11,866,710	3 85	456,868	97	3 35
Wabash.....	13,477	11,186	200	2,237,200	3 75	83,895	77	3 30
Warren.....	79,209	65,743	243	15,975,549	3 75	599,083	93	3 30
Washington.....	110,749	8,922	222	1,980,684	3 55	70,314	105	3 25
Wayne.....	14,960	12,417	150	1,863,550	3 50	65,189	110	3 00
White.....	43,447	36,061	195	7,031,895	3 60	253,148	60	3 25
Whiteside.....	65,488	54,355	305	16,578,275	3 90	646,553	82	3 45
Will.....	29,735	24,680	225	5,353,000	3 65	202,684	100	3 25
Williamson.....	5,239	4,348	192	834,816	3 60	30,054	120	3 30
Winnebago.....	35,074	29,111	252	7,335,972	3 65	267,763	90	3 25
Woodford.....	47,566	39,480	302	11,922,960	3 60	429,226	97	3 40
Total or average.....	3,696,442	3,068,036	240	736,120,051	\$3 70	\$27,348,904	95	\$3 35

*Estimated.

†Estimated same as in 1888.

††Eighty-three per cent. of number assessed.

FAT SHEEP.

COUNTIES.	Number of sheep as- sessed May 1, 1889.	Number marketed 1889.	Average live weight— pounds.	Total live weight— pounds.	Average value per cwt., live weight.	Total value.	Supply on hand Dec 1, 1889, compared with 1888.	Price per cwt., Dec. 1, 1889, live weight.
Adams	13,860	3,049	90	274,410	\$3 00	\$8,232	83	\$3 50
Alexander	549	121	120	14,520	4 00	581	95	4 00
Bond	10,449	2,299	102	234,498	3 75	8,794	190	3 65
Boone	4,690	1,032	113	116,616	3 25	3,790	83	3 75
Brown	6,736	1,482	102	151,164	3 45	5,215	69	3 90
Bureau	7,712	1,697	80	135,760	4 00	5,430	90	4 25
Calhoun	†1,347	296	135	39,960	*3 90	1,558	*80	*4 25
Carroll	1,541	339	70	23,730	4 00	949	75	4 00
Cass	1,202	264	*110	29,040	*3 45	1,002	*89	*3 90
Champaign	9,769	2,149	110	238,390	3 50	8,274	50	3 00
Christian	14,441	3,177	99	314,523	4 05	12,738	92	3 70
Clark	11,072	2,436	102	248,472	3 40	8,448	77	3 35
Clay	5,309	1,168	99	115,632	3 75	4,536	70	3 50
Clinton	6,049	1,331	105	139,755	2 90	4,053	68	3 25
Coles	7,175	1,578	100	157,800	3 75	5,917	90	3 25
Cook	1,736	382	90	34,380	4 00	1,375	100	4 00
Crawford	9,613	2,115	86	181,890	3 35	6,093	85	3 75
Cumberland	2,734	601	94	56,494	3 50	1,977	106	3 75
DeKalb	3,258	717	*102	73,134	*3 50	2,560	*91	*3 50
DeWitt	11,744	2,584	80	206,720	4 10	8,475	75	3 60
Douglas	5,977	1,315	100	131,500	4 00	5,260	100	4 00
DuPage	2,249	495	*106	52,470	*3 80	1,994	*99	*3 90
Edgar	20,306	4,467	97	433,299	3 15	13,649	100	3 15
Edwards	8,603	1,893	80	151,440	3 00	4,543	110	2 75
Effingham	*4,815	1,059	82	86,838	2 75	2,388	76	3 00
Fayette	6,603	1,453	110	159,830	3 50	5,594	80	3 75
Ford	†1,641	361	100	36,100	4 00	1,444	103	4 00
Franklin	2,115	465	87	40,455	3 35	1,355	97	3 25
Fulton	20,991	4,618	97	447,946	3 50	15,678	96	3 60
Gallatin	†1,336	294	80	23,520	2 00	470	*81	2 00
Greene	8,326	1,832	112	205,184	4 00	8,207	90	4 25
Grundy	1,665	366	*101	36,966	*3 45	1,275	*88	*3 55
Hamilton	3,928	864	85	73,440	3 25	2,387	95	3 00
Hancock	6,712	1,477	95	140,315	4 00	5,613	100	4 00
Hardin	1,306	287	100	28,700	2 50	717	30	3 00
Henderson	1,594	351	110	38,610	3 35	1,293	93	3 35
Henry	7,676	1,689	110	185,790	4 00	7,432	120	4 25
Iroquois	6,543	1,439	110	158,290	4 00	6,332	100	4 50
Jackson	†1,864	410	87	35,670	3 50	1,248	95	3 85
Jasper	6,655	1,464	99	144,936	2 60	3,768	78	2 70
Jefferson	5,050	1,111	92	102,212	2 50	2,555	95	4 00
Jersey	3,303	727	100	72,700	4 00	2,908	50	4 50
Jo Daviess	6,892	1,516	96	145,536	4 10	5,967	89	4 00
Johnson	1,611	354	90	31,860	3 00	956	83	3 00
Kane	6,308	1,388	120	166,560	3 75	6,246	97	4 00
Kankakee	4,718	1,038	*104	107,952	*3 75	4,048	*93	*3 95
Kendall	6,073	1,336	108	144,288	3 65	5,266	100	3 65
Knox	4,794	1,055	105	110,775	3 85	4,265	96	3 60
Lake	28,194	6,203	80	496,240	4 15	20,594	89	3 85
LaSalle	10,316	2,269	90	204,210	3 25	6,637	83	3 25
Lawrence	5,402	1,188	125	143,500	3 50	5,197	85	4 00
Lee	3,270	719	*90	64,710	*3 70	2,394	*91	*3 50

FAT SHEEP—Continued.

COUNTIES.

	Number of sheep as- sessed May 1, 1887.	++Number marketed 1889.	Average live weight— pounds.	Total live weight— pounds.	Average value per cwt., live weight.	Total value.	Supply on hand Dec 1, 1889, compared with 1888.	Price per cwt., Dec. 1, 1889, live weight.
Livingston.....	7,332	1,613	105	169,365	\$ 3 50	\$5,928	80	\$3 70
Logan.....	6,827	1,502	*97	145,694	*3 70	5,391	*92	*3 80
Macon.....	4,980	1,096	93	101,928	3 50	3,567	112	4 00
Macoupin.....	19,242	4,233	90	380,970	4 10	15,620	92	4 05
Madison.....	5,787	1,273	100	127,300	4 25	5,410	100	*4 00
Marion.....	16,323	3 591	95	341,145	3 50	11,940	76	3 65
Marshall.....	4,180	920	115	105,800	3 75	3,967	92	3 75
Mason.....	200	44	*103	4,532	*3 45	156	*94	*3 70
Massac.....	685	151	60	9,060	5 00	453	60	4 35
McDonough.....	1,547	340	80	27,200	4 00	1,088	100	4 00
McHenry.....	16,430	3,615	90	325,350	3 60	9,760	90	4 35
McLean.....	25,388	5,585	95	530,575	3 75	19,896	85	3 75
Menard.....	3,915	861	104	89,544	3 55	3,179	93	3 85
Mercer.....	3,310	728	115	83,720	3 75	3,139	80	3 75
Monroe.....	2,359	519	*93	48,267	*3 75	1,810	*94	*3 75
Montgomery.....	16,492	3,628	125	453,500	3 75	17,006	75	3 60
Morgan.....	6,812	1,499	130	194,870	3 00	5,846	103	3 50
Moultrie.....	1,366	300	*99	29,700	*3 65	1,084	*100	*3 80
Ogle.....	4,493	988	90	88,920	4 00	3,557	100	3 00
Peoria.....	5,330	1,173	137	160,701	3 50	5,624	87	3 50
Perry.....	919	202	95	19,190	3 00	576	90	2 75
Piatt.....	1,600	352	*96	33,792	*3 75	1,267	*87	*3 65
Pike.....	12,775	2,810	105	295,050	3 75	11,064	100	4 00
Pope.....	*3,896	857	85	72,845	3 00	2,185	80	3 25
Pulaski.....	1,408	310	120	37,200	3 35	1,246	95	3 35
Putnam.....	2,184	480	100	48,000	3 35	1,608	97	3 50
Randolph.....	4,162	916	90	82,440	3 50	2,885	100	3 50
Richland.....	8,883	1,954	93	181,722	3 10	5,633	70	3 25
Rock Island.....	2,056	452	85	38,420	4 00	1,537	75	4 00
Saline.....	3,288	723	94	67,962	2 75	1,869	88	2 80
Sangamon.....	17,535	3,858	105	405,090	3 85	15,596	90	4 25
Schuyler.....	*4,636	888	*97	86,136	*3 55	3,058	*89	*3 80
Scott.....	1,312	289	130	37,570	3 50	1,315	100	3 50
Shelby.....	16,436	3,616	103	372,448	3 40	12,663	99	3 85
Stark.....	4,831	1,063	117	124,371	4 00	4,975	93	4 00
St. Clair.....	4,394	967	90	87,030	4 00	3,481	100	5 00
Stephenson.....	5,624	1,237	99	122,463	3 60	4,409	100	3 95
Tazewell.....	7,926	1,744	107	186,608	3 15	5,878	98	3 40
Union.....	3,627	798	97	77,406	2 40	1,858	90	2 75
Vermilion.....	20,192	4,442	110	488,620	3 60	17,590	100	3 75
Wabash.....	4,803	1,057	92	97,244	3 25	3,160	77	3 50
Warren.....	3,284	722	105	75,810	4 00	3,032	100	4 25
Washington.....	*5,006	1,101	100	110,100	2 50	2,752	82	2 75
Wayne.....	9,994	2,199	100	219,900	3 00	6,597	100	3 50
White.....	3,948	868	116	100,688	3 10	3,121	75	3 30
Whiteside.....	5,334	1,173	*87	102,051	*3 95	4,031	*94	*4 00
Will.....	4,249	935	*107	100,045	*3 75	3,752	*96	*3 80
Williamson.....	2,011	442	85	37,570	3 05	1,146	76	3 30
Winnebago.....	6,861	1,509	92	138,828	3 85	5,345	75	3 90
Woodford.....	3,329	732	105	76,860	2 90	2,229	97	3 00
Total or average.....	666,723	146,675	99	14,533,830	\$3 55	\$517,756	89	\$3 65

*Estimated.

†Estimated same as in 1888.

++Twenty-two per cent. of number assessed.

WOOL.

COUNTIES.	Number of pounds shorn in 1888. As- sessors' returns.	Clip of 1889, com- pared with 1888.	Number of pounds shorn in 1889.	Price per pound.	Value of product.
Adams	55,332	100	55,332	\$0 25	\$13,833
Alexander	638	100	638	*25	159
Bond	41,337	102	42,164	23	9,698
Boone	26,778	90	24,100	30	7,230
Brown	25,361	95	24,083	23	5,539
Bureau	39,628	100	39,628	*25	9,907
Calhoun	+5,800	100	5,800	20	1,160
Carroll	6,614	92	6,085	26	1,521
Cass	5,781	100	5,781	25	1,445
Champaign	45,806	100	45,806	23	10,535
Christian	58,732	96	56,383	22	12,404
Clark	37,826	107	40,474	23	9,309
Clay	17,186	96	16,498	23	3,794
Clinton	25,890	99	25,631	26	6,664
Coles	22,350	96	21,456	23	4,935
Cook	7,895	100	7,895	29	1,579
Crawford	43,703	70	30,592	24	7,342
Cumberland	7,124	101	7,195	27	1,943
DeKalb	21,136	88	18,600	25	4,650
DeWitt	50,035	92	46,032	22	10,127
Douglas	20,509	97	19,894	23	4,576
DuPage	11,137	95	10,580	25	2,645
Edgar	63,041	100	62,041	20	12,408
Edwards	28,421	70	19,902	20	3,980
Effingham	+34,684	96	34,297	18	6,173
Fayette	24,543	107	26,261	*22	5,777
Ford	79,556	110	10,512	22	2,313
Franklin	5,686	102	5,800	29	2,681
Fulton	103,850	98	101,773	14	14,248
Gallatin	74,592	*99	4,546	30	1,364
Greene	38,208	106	40,117	35	14,041
Grundy	7,345	*99	7,271	*21	1,527
Hamilton	9,247	100	9,247	29	2,682
Hancock	27,724	98	26,189	*23	6,023
Hardin	3,974	95	3,775	20	7,755
Henderson	11,649	100	11,649	19	2,213
Henry	33,004	97	32,014	23	7,365
Iroquois	29,207	97	28,331	24	6,790
Jackson	75,135	60	3,084	26	616
Jasper	22,880	94	21,507	26	5,592
Jefferson	15,076	95	14,322	30	4,297
Jersey	15,439	95	14,667	24	3,520
JoDavies	33,183	98	32,475	25	8,119
Johnson	3,944	90	3,550	34	1,207
Kane	46,541	100	46,541	25	11,635
Kankakee	16,830	100	16,830	*23	3,871
Kendall	23,397	97	22,695	20	4,539
Knox	24,768	101	25,016	24	6,004
Lake	152,356	92	140,167	29	40,648
LaSalle	45,747	101	46,204	19	8,779
Lawrence	27,059	95	25,706	20	5,141
Lee	14,628	97	14,189	30	4,257

WOOL—Continued.

COUNTIES.	Number of pounds shorn in 1888, As- sessors' returns.	Clip of 1889, com- pared with 1888.	Number of pounds shorn in 1889.	Price per pound.	Value of product.
Livingston.....	28,635	97	27,776	\$0 24	\$6,666
Logan.....	27,084	100	27,084	22	5,958
Macon.....	23,596	99	23,360	23	5,373
Macoupin.....	84,453	96	81,075	24	19,458
Madison.....	27,574	100	27,574	22	6,066
Marion.....	22,025	97	21,364	22	4,700
Marshall.....	18,934	98	18,555	30	5,566
Mason.....	932	*100	932	*20	186
Massac.....	1,907	100	1,907	*31	591
McDonough.....	6,479	100	6,479	25	1,620
McHenry.....	104,463	99	101,329	25	25,332
McLean.....	111,948	85	95,156	22	20,934
Menard.....	27,407	95	26,037	22	5,728
Mercer.....	14,284	95	13,570	22	2,985
Monroe.....	8,495	*97	8,240	*21	1,730
Montgomery.....	67,937	105	71,334	24	17,120
Morgan.....	16,095	100	16,095	23	3,702
Moultrie.....	5,581	93	5,190	*23	1,194
Ogle.....	21,062	85	17,903	*26	4,655
Peoria.....	25,649	93	23,853	22	5,248
Perry.....	3,066	98	3,005	27	811
Piatt.....	5,320	92	4,894	*23	1,126
Pike.....	58,664	98	57,491	21	12,073
Pope.....	†13,989	100	13,989	29	4,057
Pulaski.....	6,294	100	6,294	30	1,888
Putnam.....	12,107	97	11,744	*25	2,936
Randolph.....	22,708	94	21,345	22	4,696
Richland.....	39,596	100	39,596	24	9,503
Rock Island.....	9,583	100	9,583	20	1,917
Saline.....	9,452	100	9,452	32	3,025
Sangamon.....	59,898	90	53,908	23	12,399
Schuyler.....	†20,479	*99	20,274	*22	4,460
Scott.....	6,456	100	6,456	22	1,420
Shelby.....	67,540	104	70,242	22	15,453
Stark.....	29,012	102	29,592	23	6,806
St. Clair.....	17,132	100	17,132	20	3,426
Stephenson.....	20,040	82	16,433	26	4,272
Tazewell.....	40,664	105	42,697	17	7,258
Union.....	15,951	100	15,951	20	3,190
Vermilion.....	93,349	102	95,216	20	19,043
Wabash.....	16,531	100	16,531	25	4,133
Warren.....	17,465	98	17,116	20	3,423
Washington.....	†21,868	100	21,868	27	5,904
Wayne.....	32,672	104	33,979	35	8,495
White.....	10,987	100	10,987	26	2,867
Whiteside.....	30,839	90	27,755	*25	6,939
Will.....	19,024	100	19,024	*22	4,185
Williamson.....	6,721	94	5,378	28	1,506
Winnebago.....	40,893	93	38,030	23	8,747
Woodford.....	15,488	100	15,488	*22	3,407
Total or average.....	2,863,594	97	2,767,585	\$0.23	\$642,735

*Estimated.

†Estimated same as in 1887.

HORSES.

COUNTIES.	NUMBER COLTS FOALING.					No. of horses and colts May, 1884.	No. of horses and colts May, 1885.	No. of horses and colts May, 1886.	No. of horses and colts May, 1887.	No. of horses and colts May, 1888.	No. of horses and colts May, 1889.
	1884.	1885.	1886	1887.	1888.						
Adams	1,136	1,500	1,361	1,607	1,749	10,699	11,468	12,346	12,089	3,558	13,477
Alexander	47	66	*66	66	84	574	649	782	*782	813	811
Bond	938	868	901	895	1,075	6,446	6,760	6,521	6,241	6,148	7,343
Boone	784	735	812	971	864	5,746	5,954	5,822	6,036	6,340	6,117
Brown	480	659	715	927	766	5,257	5,199	5,018	5,711	5,243	5,427
Bureau	2,445	2,647	2,892	3,092	3,318	15,597	15,833	18,242	17,214	28,029	21,142
Calhoun	128	121	168	244	*244	1,284	1,942	1,735	1,879	1,714	*1,714
Carroll	1,192	1,181	1,297	1,544	1,753	6,924	8,774	8,728	9,046	9,473	10,664
Cass	496	483	641	766	664	4,235	4,970	4,897	4,990	5,718	5,309
Champaign	2,299	2,476	2,727	3,028	3,685	17,834	18,113	19,970	20,485	23,461	23,061
Christian	1,861	1,790	1,767	2,060	2,177	13,319	14,439	13,660	13,297	13,591	14,718
Clark	657	673	719	812	898	5,198	5,270	7,593	5,504	5,487	5,898
Clay	547	660	641	763	727	5,191	4,913	3,903	4,677	5,919	5,218
Clinton	621	628	691	708	704	5,749	6,304	6,389	6,521	6,231	6,587
Coles	848	1,096	1,068	914	1,078	7,783	6,291	8,039	7,631	6,034	7,721
Cook	922	1,008	855	831	1,109	10,742	9,616	9,648	9,948	11,157	12,203
Crawford	638	543	573	715	682	4,872	4,672	4,298	4,277	5,190	4,708
Cumberland	466	364	392	445	577	3,972	3,019	3,622	3,269	3,698	3,555
DeKalb	1,848	1,989	2,130	2,426	2,303	13,816	13,958	14,875	14,393	15,383	14,514
DeWitt	1,215	1,497	1,434	1,437	1,418	7,990	8,316	8,463	7,859	8,779	9,983
Douglas	914	907	975	1,130	1,271	6,142	7,225	7,707	7,971	8,730	9,586
DuPage	616	737	942	888	810	5,208	4,980	5,219	5,682	5,845	5,856
Edgar	1,405	1,399	1,577	1,705	1,706	11,531	12,440	11,270	12,029	12,209	12,385
Edwards	300	293	307	365	402	3,002	2,703	2,928	2,737	3,257	3,365
Effingham	502	502	627	795	*795	5,488	5,389	5,545	5,867	6,091	*6,091
Fayette	782	921	1,012	1,106	859	8,721	9,936	7,505	8,002	8,316	6,764
Ford	881	905	1,128	1,314	*1,314	6,667	6,365	6,834	8,031	8,234	*8,234
Franklin	152	510	585	448	351	583	1,242	3,839	4,331	3,544	3,270
Fulton	2,104	2,221	2,498	2,933	2,807	14,505	15,532	15,898	14,964	17,274	19,500
Gallatin	635	732	161	186	*186	3,008	5,214	5,548	1,438	1,871	*1,871
Greene	922	1,095	1,129	1,149	1,257	7,861	8,446	8,704	8,610	8,992	9,483
Grundy	936	1,048	1,188	1,188	1,145	7,005	7,504	8,139	7,697	7,793	8,452
Hamilton	381	729	693	644	585	3,418	4,885	5,001	4,975	4,402	4,347
Hancock	1,763	2,013	2,112	2,431	2,567	12,906	13,792	13,775	14,176	15,156	16,391
Hardin	130	135	126	166	172	1,694	1,233	1,215	1,079	2,159	1,395
Henderson	1,082	852	889	895	992	6,452	7,219	6,436	6,244	6,537	6,564
Henry	2,118	2,133	2,677	2,519	2,682	17,215	16,430	16,251	17,458	19,081	19,906
Iroquois	2,451	2,718	2,948	3,262	3,913	19,679	19,824	23,077	22,079	23,453	24,425
Jackson	389	382	336	303	*303	3,911	3,795	4,186	4,087	2,988	*2,988
Jasper	451	455	683	789	735	4,407	4,068	4,603	5,383	9,653	5,393
Jefferson	769	646	891	1,043	768	6,242	5,904	6,396	6,636	6,563	5,750
Jersey	414	584	653	515	653	2,501	5,366	5,476	5,756	5,848	5,754
Jo Daviess	1,186	1,067	1,284	1,313	1,560	9,139	9,762	8,235	10,048	10,261	10,916
Johnson	280	260	286	210	190	1,684	2,630	2,637	2,294	2,066	1,313
Kane	953	984	1,192	1,280	1,262	8,973	9,458	9,084	10,162	9,816	10,844
Kankakee	1,157	1,493	1,640	1,878	1,838	13,064	7,730	8,475	10,396	10,286	11,403
Kendall	660	802	897	1,011	985	6,507	7,148	7,452	7,798	8,156	8,634
Knox	2,381	2,685	2,793	2,853	2,953	15,885	16,860	16,278	17,429	17,405	19,094
Lake	743	844	823	986	990	5,714	6,148	6,480	6,359	6,891	7,550
LaSalle	3,532	4,557	3,611	3,945	4,042	22,297	23,359	26,189	26,423	27,364	28,049
Lawrence	410	458	475	697	693	4,013	4,809	4,597	4,762	5,454	5,949
Lee	1,175	*1,175	1,475	1,857	2,188	*12,316	7,622	11,855	11,266	13,056	14,690

HORSES—Continued.

COUNTIES	NUMBER COLTS FOALIED					No. of horses and colts May, 1884.	No. of horses and colts May, 1885.	No. of horses and colts May, 1886.	No. of horses and colts May, 1887.	No. of horses and colts May, 1888.	No. of horses and colts May, 1889.
	1884.	1885.	1886.	1887.	1888.						
Livingston.....	2,797	3,347	3,535	3,704	4,166	22,061	23,444	24,640	25,077	24,500	27,996
Logan.....	1,521	1,594	1,716	1,985	1,985	11,706	12,479	12,964	13,520	14,302	13,796
Macon.....	1,486	1,452	1,812	1,764	1,739	12,344	12,383	13,298	14,493	13,011	12,716
Macoupin.....	1,722	2,033	2,054	1,946	2,174	14,281	14,303	14,832	21,123	15,231	15,583
Madison.....	1,168	1,531	1,289	1,344	1,370	9,766	11,868	11,080	11,006	11,594	10,961
Marion.....	609	719	936	936	885	6,070	6,436	5,639	7,526	6,126	6,052
Marshall.....	905	1,096	1,242	1,229	1,241	*7,082	6,783	7,906	8,173	8,315	8,551
Mason.....	.....	489	490	754	920	*4,392	*4,393	4,774	4,116	4,292	6,535
Massac.....	169	142	158	142	158	1,238	1,804	2,265	2,371	2,237	2,396
McDonough.....	*1,441	618	753	1,561	1,155	9,589	*9,589	4,137	4,780	9,443	7,037
McHenry.....	1,856	1,482	1,636	1,858	1,916	11,037	11,264	11,905	12,273	13,127	13,216
McLean.....	3,558	4,755	4,517	4,991	4,890	26,826	24,311	27,715	27,799	34,939	32,078
Menard.....	550	565	*565	620	690	4,520	4,465	4,033	*4,033	4,600	4,858
Mercer.....	1,944	2,170	2,390	2,334	2,141	11,752	12,538	13,412	14,213	14,771	25,205
Monroe.....	163	185	209	318	302	3,676	3,551	3,625	3,527	3,603	3,330
Montgomery.....	1,571	1,621	1,84	1,925	2,110	13,150	10,891	13,268	14,440	14,901	15,054
Morgan.....	.....	.....	.....	1,459	1,912	*6,553	6,289	6,476	6,602	9,632	6,630
Moultrie.....	692	677	629	758	858	4,659	5,162	5,063	3,945	5,045	5,332
Ogle.....	2,199	2,188	2,141	2,756	2,871	15,376	18,954	16,011	14,653	18,764	19,376
Peoria.....	1,184	1,29	1,260	1,578	1,485	16,463	10,057	10,194	11,148	11,169	11,081
Perry.....	246	270	310	141	175	2,381	3,188	3,039	3,005	898	1,568
Platt.....	480	750	856	1,222	880	5,006	5,017	6,870	7,475	8,474	6,686
Pike.....	851	1,085	1,314	1,439	1,420	7,599	8,438	9,184	11,540	10,641	9,866
Pope.....	335	307	326	*326	326	2,395	2,659	2,802	2,567	*2,567	*2,567
Pulaski.....	98	208	213	358	38	1,260	1,225	1,362	1,883	1,750	1,810
Putnam.....	531	570	648	647	637	3,359	3,332	3,835	3,838	3,716	3,540
Randolph.....	323	646	727	758	697	6,272	6,080	6,336	6,336	6,105	6,125
Richland.....	393	452	604	705	736	3,594	3,496	4,490	4,508	5,174	5,019
Rock Island.....	887	97	1,178	1,282	1,144	6,28	6,771	7,373	7,718	8,239	8,653
Saline.....	*167	374	507	541	556	1,960	*1,960	2,885	3,912	4,585	4,586
Sangamon.....	2,320	2,545	2,475	3,014	2,903	15,221	16,603	15,628	17,765	18,651	19,106
Schuyler.....	908	1,098	1,113	1,137	*1,137	6,485	6,356	7,050	7,856	8,204	*8,204
Scott.....	210	304	210	230	299	1,396	*1,396	2,237	1,769	2,038	2,205
Shelby.....	*896	1,703	1,506	1,798	1,821	10,859	13,124	13,721	11,623	12,082	11,384
Stark.....	1,001	1,076	1,311	1,203	1,260	6,079	7,367	8,244	7,665	7,549	7,789
St. Clair.....	642	831	996	1,136	1,085	9,343	9,115	9,465	11,555	11,540	12,322
Stephenson.....	1,079	1,27	1,373	1,531	1,500	11,317	10,184	7,735	10,828	11,089	12,377
Tazewell.....	1,558	1,492	1,823	2,160	1,885	10,952	10,897	11,141	11,691	11,852	12,405
Union.....	200	341	300	410	444	2,414	2,407	3,631	3,728	3,995	3,982
Vermilion.....	1,843	2,212	2,520	2,838	3,160	13,979	14,949	15,799	17,177	17,326	18,550
Wabash.....	157	194	274	396	449	2,390	2,511	1,901	3,189	3,051	3,155
Warren.....	2,571	2,374	2,625	2,614	2,536	13,700	14,603	14,528	16,594	15,977	16,511
Washington.....	900	945	966	1,064	*1,064	7,073	7,261	7,145	7,517	7,831	*7,831
Wayne.....	780	752	852	1,880	831	5,345	5,728	6,597	7,226	6,996	6,910
White.....	338	458	503	521	617	4,660	4,355	4,254	5,311	4,769	5,614
Whiteside.....	2,203	2,139	2,09	2,283	2,583	10,617	12,224	13,550	13,950	14,835	15,585
Will.....	1,589	2,336	1,868	2,191	2,480	12,588	13,829	13,631	14,480	14,670	15,863
Williamson.....	426	415	410	571	239	2,866	3,395	4,095	2,418	3,030	1,664
Winnebago.....	1,032	1,226	1,403	1,434	1,275	9,217	9,433	10,048	9,992	10,563	13,136
Woodford.....	1,408	1,371	1,553	1,685	1,864	9,746	10,574	11,248	11,178	11,743	11,789
Total.....	104,448	115,776	122,492	137,565	140,491	847,098	847,098	882,740	914,026	956,909	991,094

*Estimated.

DRAIN TILE.

COUNTIES.	Number of feet laid prior to 1886.	Number of feet laid in 1886.	Number of feet laid in 1887.	Number of feet laid in 1888.	Total number of feet laid.	*Cultivated land.	Number of feet to each acre of cultivated land.
Adams.....	194,345	28,838	28,700	13,567	265,450	285,918	—
Alexander.....	.....	.....	.....	.....	.....	22,346	—
Bond.....	6,340	4,355	2,325	30	13,050	155,369	—
Boone.....	178,527	382,481	133,927	102,849	797,784	152,618	5
Brown.....	1,282,983	95,025	35,216	3,478	1,416,702	97,077	14
Bureau.....	8,324,398	1,062,762	427,903	327,954	10,143,017	423,532	24
Calhoun.....	37,200	.....	11,625	.....	48,825	47,677	1
Carroll.....	205,393	114,696	8,814	21,958	350,861	233,358	1
Cass.....	3,441,289	280,128	115,936	39,750	3,877,103	110,132	35
Champaign.....	20,696,468	3,912,156	3,212,029	3,502,867	31,323,520	521,806	60
Christian.....	7,776,789	1,973,785	776,886	701,781	11,229,241	324,420	35
Clark.....	324,157	146,323	86,976	85,465	642,921	169,542	4
Clay.....	26,925	450	.....	6,500	33,875	121,362	—
Clinton.....	17,655	3,800	400	15,000	36,855	187,439	—
Coles.....	6,180,541	1,095,337	.....	502,596	7,778,474	139,889	56
Cook.....	1,188,787	485,877	293,166	282,661	2,250,491	310,970	7
Crawford.....	507,665	97,292	9,025	57,194	651,176	121,373	5
Cumberland.....	307,924	148,419	64,356	81,422	602,121	96,136	6
DeKalb.....	8,836,080	2,218,123	844,144	1,411,422	13,309,769	374,853	35
DeWitt.....	6,562,422	827,227	318,917	225,748	7,934,314	208,737	38
Douglas.....	10,028,332	2,319,609	1,580,290	1,768,663	15,696,894	207,414	76
DuPage.....	2,869,050	487,282	215,820	211,490	3,783,642	176,515	21
Edgar.....	12,483,576	1,837,585	1,864,965	1,215,226	17,401,352	270,452	64
Edwards.....	35,630	3,753	5,928	5,120	50,431	73,732	1
Effingham.....	36,265	29,345	38,760	.....	104,370	172,816	1
Fayette.....	9,195	1,810	4,580	4,790	20,375	139,807	—
Ford.....	3,863,071	1,712,919	2,583,821	.....	8,159,811	236,652	34
Franklin.....	.....	.....	3,200	50	3,250	78,000	—
Fulton.....	6,684,392	953,394	367,637	264,155	8,269,578	303,425	27
Gallatin.....	134,478	5,578	18,166	.....	158,222	119,517	1
Greene.....	1,931,652	215,673	54,756	124,899	2,329,980	219,242	11
Grundy.....	6,792,706	134,547	715,800	545,331	8,188,384	229,250	36
Hamilton.....	1,740	.....	.....	9,108	10,848	80,204	—
Hancock.....	968,479	226,590	119,896	55,669	1,370,634	325,250	4
Hardin.....	16,665	.....	.....	.....	16,665	33,683	—
Henderson.....	862,647	270,152	82,977	21,340	1,237,116	196,438	6
Henry.....	6,329,532	644,917	166,031	85,293	7,225,793	485,285	15
Iroquois.....	8,594,086	3,289,774	2,530,886	2,642,256	16,857,002	587,484	29
Jackson.....	2,290	75	.....	.....	2,365	109,153	—
Jasper.....	375,680	57,096	11,359	16,500	460,635	112,951	4
Jefferson.....	1,876	6,200	150	30	8,256	152,014	—
Jersey.....	65,146	6,222	.....	2,320	73,688	128,199	—
JoDavies.....	33,624	28,965	6,598	13,965	83,152	254,277	—
Johnson.....	950	.....	.....	.....	950	30,049	—
Kane.....	4,463,235	.....	1,079,799	1,071,278	6,614,312	281,661	23
Kankakee.....	2,700,997	104,229	499,849	242,644	3,547,719	333,405	11
Kendall.....	6,165,006	.....	449,557	22,346	6,636,909	187,099	35
Knox.....	7,877,381	789,540	321,719	167,963	9,156,603	380,428	24
Lake.....	597,985	221,150	251,220	270,076	1,340,431	213,030	6
LaSalle.....	20,331,468	4,260,589	1,886,378	884,432	27,362,867	568,450	48
Lawrence.....	93,535	40,797	95,983	49,736	280,051	129,016	2
Lee.....	496,791	817,173	537,464	343,149	2,194,517	394,709	6

DRAIN TILE—Continued.

COUNTIES.	Number of feet laid prior to 1886.	Number of feet laid in 1886.	Number of feet laid in 1887.	Number of feet laid in 1888.	Total number of feet laid.	*Cultivated land.	Number of feet to each acre of cultivated land.
Livingston.....	23,297,404	4,964,466	3,543,745	2,850,687	34,656,302	596,265	58
Logan.....	8,745,165	622,481	277,368	292,213	9,937,227	250,621	40
Macon.....	14,636,791	3,056,336	453,305	323,588	18,470,020	222,952	83
Macoupin.....	1,866,231	242,696	146,775	148,032	2,403,784	328,527	7
Madison.....	204,365	25,700	50,600	15,520	296,185	315,229	1
Marion.....	3,742	5,290	1,500	11,580	22,112	144,330	—
Marshall.....	4,055,675	770,109	253,006	250,176	5,328,966	196,816	27
Mason.....	38,250	—	14,630	17,530	70,410	210,656	—
Massac.....	550	4,200	—	—	4,750	57,067	—
McDonough.....	2,503,377	396,726	394,073	343,563	3,637,739	120,208	30
McHenry.....	294,031	187,715	291,114	191,267	964,117	331,413	3
McLean.....	25,756,403	3,168,520	1,660,051	1,523,998	32,108,972	591,562	54
Menard.....	2,851,263	—	70,000	16,100	2,937,363	180,787	16
Mercer.....	3,147,746	410,405	107,142	86,868	3,752,161	275,477	14
Monroe.....	9,632	1,200	1,770	—	12,002	111,291	—
Montgomery.....	238,168	110,250	76,943	52,376	477,737	326,188	1
Morgan.....	473,610	—	166,307	55,325	695,242	307,046	2
Moultrie.....	4,406,048	680,049	459,346	869,345	6,414,788	114,322	56
Ogle.....	2,050,443	—	221,860	220,110	2,492,413	405,679	6
Peoria.....	6,510,998	629,890	251,537	120,745	7,513,170	195,944	38
Perry.....	2,400	5,415	25	—	7,840	38,086	—
Piatt.....	8,048,222	1,821,739	905,341	913,760	11,689,062	132,096	88
Pike.....	318,607	31,225	14,150	6,565	372,547	255,061	1
Pope.....	—	—	—	—	—	72,495	—
Pulaski.....	—	—	—	—	—	46,101	—
Putnam.....	2,313,771	374,887	67,390	53,525	2,809,573	80,596	35
Randolph.....	7,134	450	—	1,245	8,829	173,019	—
Richland.....	33,494	7,670	2,342	430	43,936	133,920	—
Rock Island.....	927,171	207,641	66,522	66,595	1,267,929	190,711	7
Saline.....	48,457	28,704	14,250	17,842	109,253	84,135	1
Sangamon.....	8,461,388	1,464,656	741,657	767,273	11,434,974	354,530	32
Schuyler.....	1,487,560	262,698	108,231	—	1,858,489	140,458	13
Scott.....	499,670	10,872	13,630	10,190	534,362	43,087	12
Shelby.....	3,318,457	226,035	2,691,591	460,624	7,696,707	238,998	32
Stark.....	4,306,084	273,419	101,595	38,390	4,719,488	159,111	30
St. Clair.....	372,719	30,200	61,996	39,780	504,665	275,470	2
Stephenson.....	75,623	119,449	10,650	113,505	319,227	286,575	1
Tazewell.....	9,608,752	328,834	206,337	197,807	10,339,730	288,591	36
Union.....	585	—	—	—	585	85,554	—
Vermilion.....	20,362,947	3,031,278	1,926,887	1,464,202	26,785,314	374,048	72
Wabash.....	352,373	42,468	51,513	49,200	495,554	75,513	6
Warren.....	5,625,946	850,101	443,929	216,246	7,136,222	295,419	24
Washington.....	10,315	150	—	—	10,465	265,425	—
Wayne.....	41,027	850	850	—	42,727	140,713	—
White.....	696,882	133,381	131,517	130,609	1,092,389	147,852	7
Whiteside.....	364,769	201,262	448,812	124,065	1,138,908	353,619	3
Will.....	11,662,850	1,620,779	737,448	469,281	14,490,358	508,055	28
Williamson.....	600	—	—	—	600	37,664	—
Winnebago.....	246,962	140,697	82,481	94,421	564,551	263,840	2
Woodford.....	12,238,315	1,250,538	563,761	484,313	14,536,927	266,888	54
Total or average.....	363,466,830	60,085,469	39,497,841	30,508,952	493,559,092	22,404,271	22

*Area of County, except woodland, uncultivated land and city and town real estate.
 —Where the amount of tile laid is less than 1 foot per acre, the minus sign is used.

WHEAT RAISED AND CONSUMED (Spring and Winter.)

COUNTIES.	Acreage returned by Assessors 1889.	Bushels produced	*Bushels required for seed.	Population.	#Bushels consumed.	Bushels used for seed and consump- tion.	Surplus.	Deficit.
Adams.....	68,328	1,024,920	91,104	65,064	260,252	351,356	673,574	.....
Alexander.....	89,123	270,454	12,165	16,290	65,160	77,324	123,130	.....
Bond.....	17,505	297,585	23,340	16,360	65,440	88,780	208,805	.....
Boone.....	8,178	44,747	4,237	12,680	50,720	54,957	.....	10,210
Brown.....	24,943	424,011	33,257	14,348	57,392	90,649	333,362	.....
Bureau.....	8,941	157,752	11,921	36,508	146,032	157,953	.....	201
Calhoun.....	\$16,172	322,440	21,496	8,218	32,872	54,368	268,072	.....
Carroll.....	5,501	104,395	7,335	18,683	74,732	82,067	22,326	.....
Cass.....	27,772	609,913	37,029	15,943	63,772	100,801	509,112	.....
Champaign.....	17,680	351,584	23,573	44,956	179,824	203,397	148,187	.....
Christian.....	45,569	774,547	60,759	31,055	124,220	184,979	589,568	.....
Clark.....	15,444	185,328	20,592	24,090	96,360	116,952	68,376	.....
Clay.....	2,634	39,510	3,512	17,814	71,256	74,768	.....	35,258
Clinton.....	48,100	817,700	64,133	20,590	82,360	146,493	671,207	.....
Coles.....	11,240	224,130	14,987	29,760	119,040	134,027	90,103	.....
Cook.....	82,777	60,902	3,703	668,491	2,673,964	2,677,667	.....	2,616,765
Crawford.....	18,465	387,765	24,620	17,809	71,236	95,856	291,909	.....
Cumberland.....	7,907	142,149	10,543	15,138	60,552	71,095	71,054	.....
DeKalb.....	6,268	153,924	8,357	29,451	117,804	126,161	27,763	.....
DeWitt.....	\$7,203	150,165	9,604	18,715	74,860	84,464	65,701	.....
Douglas.....	6,719	154,193	8,959	17,443	69,772	78,731	75,462	.....
DuPage.....	2,719	41,063	3,625	21,106	84,424	88,049	.....	46,986
Edgar.....	24,223	339,151	32,297	28,054	112,216	144,513	194,638	.....
Edwards.....	12,292	208,942	16,389	9,460	37,840	54,229	154,713	.....
Effingham.....	\$15,108	135,972	20,144	20,816	83,261	103,408	32,564	.....
Fayette.....	\$20,746	290,444	27,661	25,567	102,268	129,329	160,515	.....
Ford.....	\$669	10,035	892	16,615	66,460	67,352	.....	57,317
Franklin.....	3,424	47,943	4,565	17,742	70,968	75,533	.....	27,590
Fulton.....	\$61,674	1,220,430	82,232	45,374	181,496	263,728	956,702	.....
Gallatin.....	\$13,173	315,423	17,564	14,148	56,592	74,156	241,267	.....
Greene.....	51,227	1,074,567	68,303	25,315	101,260	169,563	905,004	.....
Grundy.....	1,748	27,002	2,331	18,412	73,648	75,979	.....	48,977
Hamilton.....	1,685	20,271	2,247	18,383	74,532	75,779	.....	55,508
Hancock.....	41,009	737,865	54,679	38,887	155,548	210,227	527,638	.....
Hardin.....	6,183	86,562	8,244	6,626	26,504	34,748	51,814	.....
Henderson.....	8,747	139,343	11,663	11,830	47,320	58,983	80,360	.....
Henry.....	3,211	50,770	4,281	40,270	161,080	165,361	.....	114,591
Iroquois.....	2,721	31,427	3,628	39,003	156,012	159,640	.....	128,213
Jackson.....	\$33,747	707,547	44,996	24,759	99,036	144,032	563,515	.....
Jasper.....	6,154	86,178	8,205	15,966	63,864	72,069	14,109	.....
Jefferson.....	5,431	86,878	7,241	22,755	91,020	98,261	.....	11,383
Jersey.....	\$29,200	613,200	38,933	17,101	68,404	107,337	505,863	.....
JoDaviess.....	5,892	63,144	7,856	30,287	121,148	129,004	.....	65,860
Johnson.....	6,894	82,728	9,192	14,387	57,548	66,740	15,988	.....
Kane.....	1,885	24,324	2,513	49,452	197,808	200,321	.....	175,997
Kankakee.....	2,382	38,964	3,176	27,457	109,828	113,004	.....	74,040
Kendall.....	2,167	38,616	2,889	14,392	57,568	60,457	.....	21,841
Knox.....	7,842	152,637	10,456	42,196	168,784	179,240	.....	26,603
Lake.....	5,119	116,579	6,825	23,429	93,716	100,541	16,038	.....
LaSalle.....	\$12,832	217,776	17,109	77,462	309,848	326,957	.....	109,181
Lawrence.....	26,507	556,587	35,343	15,629	60,116	95,459	461,128	.....
Lee.....	7,410	118,336	9,880	30,243	120,972	130,862	.....	12,516

WHEAT RAISED AND CONSUMED (Spring and Winter)—Continued.

COUNTIES.	Acreage returned by Assessors 1889.	Bushels produced.	*Bushels required for seed.	Population.	*Bushels consumed.	Bushels used for seed and consump- tion.	Surplus.	Deficit.
Livingston.....	9,498	120,309	12,664	42,295	169,180	181,844	.....	61,535
Logan.....	42,382	929,695	56,509	27,545	110,180	166,689	763,006	.....
Macon.....	1,477	29,190	1,969	33,738	134,952	136,921	.....	107,731
Macoupin.....	70,341	1,055,115	93,788	41,475	165,900	259,688	795,427	.....
Madison.....	93,949	2,066,227	125,265	55,155	220,620	345,885	1,720,342	.....
Marion.....	2,338	39,718	3,117	26,061	104,244	107,361	.....	67,643
Marshall.....	1,831	34,960	2,441	16,540	66,160	63,601	.....	33,641
Mason.....	60,520	1,990,062	80,693	17,868	71,472	152,165	937,897	.....
Massac.....	17,808	231,504	23,744	11,487	45,948	69,692	161,812	.....
McDonough.....	7,779	123,093	10,372	30,782	123,128	133,500	.....	10,407
McHenry.....	8,374	134,984	11,165	27,405	109,620	120,785	14,199	.....
McLean.....	8,665	194,862	11,553	66,126	264,504	276,057	.....	81,195
Menard.....	22,160	465,360	29,547	14,331	57,324	86,871	378,489	.....
Mercer.....	2,934	51,828	3,912	21,451	85,804	89,716	.....	37,888
Monroe.....	56,907	1,081,233	75,876	15,050	60,200	136,076	945,157	.....
Montgomery.....	57,310	974,254	76,413	30,895	123,580	199,993	774,261	.....
Morgan.....	49,566	891,888	66,088	34,671	138,684	204,772	687,116	.....
Moultrie.....	2,614	47,052	3,485	15,075	60,300	63,785	.....	16,733
Ogle.....	8,067	104,871	10,756	32,941	131,764	142,520	.....	37,649
Peoria.....	9,752	165,630	13,003	60,961	243,844	256,847	.....	91,217
Perry.....	9,364	112,368	12,485	17,609	70,436	82,921	29,447	.....
Piatt.....	4,319	107,315	5,759	17,141	68,564	74,323	32,992	.....
Pike.....	76,015	988,557	101,353	37,137	148,548	249,901	738,656	.....
Pope.....	\$13,599	169,331	18,132	14,582	58,328	76,460	32,871	.....
Pulaski.....	11,958	191,328	15,944	10,458	41,832	57,776	133,552	.....
Putnam.....	2,292	31,410	3,056	6,110	24,440	27,496	3,914	.....
Randolph.....	76,274	1,601,754	101,699	28,260	113,040	214,739	1,387,015	.....
Richland.....	8,935	134,025	11,913	17,101	68,404	80,317	53,708	.....
Rock Island.....	1,530	26,096	2,040	42,145	168,580	170,620	.....	144,524
Saline.....	10,819	162,285	14,425	17,534	70,136	84,561	77,724	.....
Sangamon.....	55,230	1,104,630	73,640	58,192	232,768	306,408	797,622	.....
Schuyler.....	\$40,790	774,706	54,387	17,874	71,496	125,883	648,823	.....
Scott.....	13,422	255,018	17,896	11,819	47,276	65,172	189,846	.....
Shelby.....	22,040	486,320	29,387	33,310	133,240	162,627	323,693	.....
Stark.....	1,425	19,045	1,900	12,330	49,320	51,220	.....	32,175
St. Clair.....	108,350	2,383,700	144,467	68,035	272,140	416,607	1,967,093	.....
Stephenson.....	17,077	218,925	22,769	55,167	140,668	163,437	55,488	.....
Tazewell.....	36,139	759,283	48,185	32,647	130,588	178,773	576,510	.....
Union.....	25,736	437,512	34,315	19,910	79,640	113,955	323,557	.....
Vermilion.....	16,180	274,684	21,573	45,760	183,040	204,613	70,071	.....
Wabash.....	21,755	500,365	29,007	10,939	43,756	72,763	427,602	.....
Warren.....	3,286	58,974	4,381	25,234	100,936	105,317	.....	46,343
Washington.....	\$76,033	1,140,495	101,377	23,229	92,916	194,293	946,202	.....
Wayne.....	3,355	49,853	4,740	23,427	93,708	98,448	.....	48,595
White.....	37,340	709,460	49,787	25,398	101,592	151,379	558,081	.....
Whiteside.....	\$6,707	133,596	8,943	33,977	135,908	144,851	.....	41,255
Will.....	3,451	44,208	4,601	58,766	235,064	239,665	.....	195,457
Williamson.....	6,975	104,625	9,300	21,259	85,036	94,336	10,289	.....
Winnebago.....	3,994	59,245	5,325	33,570	134,280	139,605	.....	80,360
Woodford.....	8,086	116,750	10,781	23,793	95,172	105,953	10,797	.....
Total or av...	2,052,388	37,201,916	2,736,511	3,386,493	13,545,972	16,282,483	25,692,818	4,773,385

* 1½ bushels per acre.

‡ Four bushels for capita.

§ Estimated same as in 1888.

NAMES AND POST OFFICE ADDRESS

—OF—

CROP CORRESPONDENTS

STATE BOARD OF AGRICULTURE,

FOR THE YEAR 1889,

WITH DATE OF APPOINTMENT.

ADAMS COUNTY—

- 1877, A. R. Wallace, Camp Point.
- 1879, G. W. Dean, Adams.
- 1883, H. C. Culp, Fall Creek.
- 1888, C. H. Rankin, Fall Creek.

ALEXANDER COUNTY—

- 1884, J. R. F. Standard, Elco.
- 1887, Jos. L. Glasgow, Olive Branch.
- 1888, S. H. Yates, Commercial Point.
- 1888, A. E. Horrell, Beech Ridge.

BOND COUNTY—

- 1877, John V. McFarland, Reno.
- 1877, S. H. Challis, Pocahontas.
- 1882, W. D. Henry, Beaver Creek.
- 1884, E. L. Williford, Old Ripley.
- 1885, J. B. Denny, Sorrento.
- 1885, W. H. Taylor, Tamalco.

BOONE COUNTY—

- 1877, George Reed, Belvidere.
- 1877, S. C. Fox, Garden Prairie.
- 1877, B. E. Moss, Belvidere.
- 1882, O. S. Nichols, Garden Prairie.
- 1885, Stanley F. Heath, Capron.

BROWN COUNTY—

- 1877, Henry D. Ritter, Versailles.
- 1878, R. T. Bratten, White Oak Springs.
- 1881, A. E. Martin, Ripley.
- 1887, J. W. Moore, Mound Station.

- 1889, W. B. Rigg, Mt. Sterling.
- 1889, Jos. W. Curry, Mt. Sterling.

BUREAU COUNTY—

- 1877, James F. Mallet, Milo.
- 1878, J. Y. Spangler, New Bedford.
- 1879, John L. Hall, Wyandot.
- 1885, R. B. Frary, LaMoille.
- 1885, Louis Zearing, Arlington.
- 1885, John S. Searl, Dupue.
- 1886, C. P. Mason, Buda.
- 1888, L. R. Bryant, Princeton.

CALHOUN COUNTY—

- 1881, M. A. Kamp, Kamsville.
- 1887, C. Lee Wood, Hamburg.
- 1887, Samuel J. Merida, Mozier.
- 1889, G. F. Hapier, Gilead.

CARROLL COUNTY—

- 1882, John Cole, Thompson.
- 1882, S. Preston, Mt. Carroll.
- 1884, Peter Hyzer, Shannon.
- 1888, Whitney Inman, Milledgeville.

CASS COUNTY—

- 1878, John H. Goodell, Chandlerville.
- 1878, John Beggs, Ashland.
- 1878, J. K. Clark, Bluff Springs.
- 1888, Oliver Decker, Bluff Springs.

CHAMPAIGN COUNTY—

- 1877, W. A. Conkey, Homer.
- 1885, M. F. Porterfield, Sidney.
- 1885, W. E. Dawley, Seymour.
- 1885, Eugene Christie, Seymour.
- 1885, S. J. Purnell, Mahomet.
- 1885, David B. Strayton, Sr., St. Joseph.
- 1887, J. M. Lewis, Urbana.
- 1888, W. H. Morgan, Tolono.
- 1888, Lewis Martin, Rantoul.

CHRISTIAN COUNTY—

- 1877, J. B. White, Morrisonville.
- 1877, A. B. Herdman, Morrisonville.
- 1877, John W. Hunter, Owaneco.
- 1878, O. S. Nash, Sharpsburg.
- 1880, J. R. Hill, Edinburg.
- 1882, Peter L. Myers, Assumption.
- 1885, J. Slate, Edinburg.
- 1885, J. Will Haines, Taylorville.

CLARK COUNTY—

- 1877, James B. Sheapley, Martinsville.
- 1877, F. B. Ennis, Dolson.
- 1877, R. R. Scott, Cseey.
- 1880, L. B. Anderson, Darwin.
- 1880, Jerry Ishler, Martinsville.
- 1880, B. B. Tarman, Orange.

CLAY COUNTY—

- 1877, W. W. Bowler, Flora.
- 1880, Theron Gould, Bible Grove.
- 1882, A. W. Bothwell, Clay City.
- 1887, John R. Bryan, Xenia.

CLINTON COUNTY—

- 1878, John Burton, Trenton.
- 1887, W. H. H. Nichols, Carlyle.
- 1888, B. I. Gerdes, Huey.
- 1888, A. E. Phillips, Aviston.
- 1888, Mrs. W. H. Russell, Shattuc.

COLES COUNTY—

- 1880, J. F. Dora, Charleston.
- 1882, E. G. Patterson, Mattoon.
- 1883, W. D. Tabler, Trilla.
- 1884, Wm. A. Poorman, Humboldt.
- 1887, Garrett V. Millar, Mattoon.

COOK COUNTY—

- 1879, George Struckman, Bartlett.
- 1879, C. L. Sweet, Glenwood.
- 1879, Edwin M. Powell, Orland.
- 1882, Elbert Wheeler, Arlington Heights.

CRAWFORD COUNTY—

- 1877, William L. Heustis, Robinson.
- 1877, Andrew Newlin, Hutsonville.
- 1880, J. P. Weger, Flat Rock.
- 1882, William Wood, Oblong.
- 1882, W. S. Emmons, Robinson.
- 1884, H. H. Haskett, Palestine.

CUMBERLAND COUNTY—

- 1877, David Neal, Neoga.
- 1878, Harlow Park, Greenup.
- 1879, Ed Bumgardner, Hazel Dell.
- 1882, Jas. M. Albin, Neoga.
- 1887, David B. Green, Toledo.

DEKALB COUNTY—

- 1879, D. M. Marsh, Sandwich.
- 1881, Edwin Waite, Sycamore.
- 1884, Robt. Hampton, East Paw Paw.
- 1885, Theo. Bailis, Courtland.

DEWITT COUNTY—

- 1877, E. H. Robb, Waynesville.
- 1877, John McDonald, Farmer City.
- 1881, A. D. Metz, Wapella.
- 1882, W. R. Carle, Wapella.
- 1887, Charles Willmore, Lane.
- 1889, Emerson Hartsock, Lane.

DOUGLAS COUNTY—

- 1879, F. A. McCarty, Filson.
- 1885, Vinton Garrett, Atwood.
- 1885, J. D. Brewer, Newman.
- 1887, William Iles, Camargo.

DUPAGE COUNTY—

- 1877, P. W. Stacy, Prospect Park.
- 1877, Daniel Dunham, Wayne.
- 1884, Daniel Kelley, Wheaton.
- 1885, Thomas Betts, Jr., Naperville.
- 1888, A. D. Albrow, Wayne.

EDGAR COUNTY—

- 1878, B. O. Curtis, Paris.
- 1878, A. S. McCord, Paris.
- 1884, Geo. W. Legg, Scotland.
- 1885, Morris Little, Edgar.
- 1886, John Zumbrick, Palermo.
- 1889, J. W. Perisho, Palermo.

EDWARDS COUNTY—

- 1877, W. A. Shelby, Maple Grove.
- 1877, Charles Clark, Albion.
- 1888, John H. Marshall, Grayville.
- 1889, Ira Gould, Bone Gap.

EFFINGHAM COUNTY—

- 1883, H. C. Henry, Mason.
- 1883, George Strong, Eberle.
- 1883, T. J. Dunn, Elliottstown.
- 1885, William Blakeley, Altamont.
- 1887, Samuel D. Larimore, Beecher City.
- 1888, Samuel Bartley, Edgewood.

FAYETTE COUNTY—

- 1877, O. E. Lovett, St. Elmo.
- 1877, C. Carson, Brownstown.
- 1878, J. F. Kennedy, Shabonier.

FORD COUNTY—

- 1877, L. T. Bishop, Piper City.
- 1877, James Ogilvie, Caberey.
- 1879, S. J. LeFevre, Gibson City.
- 1887, W. J. Wood, Elliot.
- 1887, C. K. Snyder, Paxton.

FRANKLIN COUNTY—

- 1878, Isham Harrison, Mulkeytown.
- 1883, Otto Heulbig, Benton.
- 1883, T. D. Boyles, Ewing.
- 1885, L. M. Jones, Benton.
- 1889, Wm. Browning, Osage.
- 1889, J. S. Webb, Webb's Hill.
- 1889, John A. Coleman, Frankfort.

FULTON COUNTY—

- 1877, M. Rawalt, Canton.
- 1878, D. H. Gorham, Avon.
- 1878, John Prickett, Lewiston.
- 1881, S. B. Bennett, Fairview.
- 1885, E. J. Parry, Astoria.
- 1887, Cyrus Bucher, Astoria.

GALLATIN COUNTY—

- 1877, John McGehee, Shawneetown.
- 1880, Martin Doherty, Shawneetown.
- 1883, R. A. Lamb, Ridgway.
- 1889, John M. Bowling, Equality.

GREENE COUNTY—

- 1877, C. W. Brace, Kané.
- 1877, S. G. Russell, Bluffdale.
- 1878, Elion A. Eldred, Carrollton.
- 1887, C. I. McColister, White Hall.
- 1887, W. H. Ellis, Greenfield.

GRUNDY COUNTY—

- 1882, C. S. Parker, Gardner.
- 1884, W. T. Pierce, Verona.

HAMILTON COUNTY—

- 1877, A. M. Sturman, Dahlgren.
- 1883, Alfred Braden, Braden.
- 1887, Inman Hamilton, Broughton.
- 1887, Geo. K. Edwards, McLeansboro.
- 1889, Z. D. Lockwood, Braden.

HANCOCK COUNTY—

- 1877, E. Baxter, Nauvoo.
- 1878, A. C. Hammond, Warsaw.
- 1885, J. M. Bainter, LaCrosse.
- 1885, C. M. McMillan, Denver.
- 1885, W. A. Moore, Elvaston.

HARDIN COUNTY—

- 1886, John Jack, Cave-in-Rock.
- 1887, John C. Rose, Wolrab Mills.
- 1888, Geo. W. Douglas, Cave-in-Rock.

HENDERSON COUNTY—

- 1877, John H. McDougall, Biggsville.
- 1882, M. A. Frazell, Kirkwood, (Warren County.)
- 1882, Charles Vaughn, Lomax.
- 1889, R. L. Taylor, Raritan.
- 1889, J. W. Brock, Oquawka.

HENRY COUNTY—

- 1877, N. C. Gilbert, Geneseo.
- 1877, John A. Widney, Woodhull.
- 1878, Joshua C. Edwards, Cambridge.
- 1885, S. H. Moon, Annawan.
- 1889, Horace S. Gilbert, Geneseo.

IROQUOIS COUNTY—

- 1878, A. C. Johnson, Woodland.
- 1879, Robert Caldwell, Sheldon.
- 1881, Frank H. Burnham, Martinton.
- 1882, B. W. Gilbourne, Caberey, (Ford County.)
- 1883, S. Williams, Woodland.
- 1884, F. I. Mann, Gilman.
- 1885, Ed. Stimpson, Milford.
- 1886, C. H. Martin, Loda.
- 1887, F. M. Chapman, Danforth.
- 1888, Robert M. Perry, Cisna Park.

JACKSON COUNTY—

- 1879, George C. Hanford, Makanda.
- 1887, D. G. Will, Campbell Hill.
- 1888, James E. Walker, Murphysboro.

JASPER COUNTY—

- 1876, W. E. Barrett, Newton.
- 1876, A. Wilson, Wheeler.
- 1884, R. S. Cummins, Rose Hill.
- 1885, W. H. Eidson, Willow Hill.
- 1886, Michael Kratzmeier, St. Marie.
- 1889, Albert Hammer, Rose Hill.

JEFFERSON COUNTY—

- 1877, John R. Moss, Mt. Vernon.
- 1878, George L. Whitlock, Dix.
- 1879, L. E. Jones, Opdyke.
- 1879, E. S. Noleman, Irvington, (Washington County.)
- 1888, W. B. Casey, Mt. Vernon.

JERSEY COUNTY—

- 1877, Henry Ryan, Medora, (Macoupin County.)
- 1884, John G. Dougherty, Otterville.
- 1887, Joseph Chambers, McCluskey.

JO DAVIESS COUNTY—

- 1882, M. K. Hammond, Stockton.
- 1884, T. Hallett, Galena.
- 1885, Geo. W. Pepon, Warren.
- 1889, E. Stevens, Howardsville.

JOHNSON COUNTY—

- 1880, J. F. Casper, New Burnside.
- 1882, P. W. McFatrige, Vienna.
- 1886, S. P. Thatcher, Vienna.

KANE COUNTY—

- 1877, J. P. Bartlett, Blackberry.
- 1878, H. Chapman, Sugar Grove.
- 1882, Daniel Whitney, Wasco.
- 1884, Geo. E. Peck, Geneva.
- 1884, E. W. Thompson, Sugar Grove.

KANKAKEE COUNTY—

- 1878, J. C. Mosier, Essex.
- 1882, A. L. Miner, Momence.
- 1885, John Devine, Chebanse.
- 1885, Wm. V. States, Buckingham.
- 1888, O. W. Barnard, Manteno.

KENDALL COUNTY—

- 1877, J. M. Gale, Yorkville.
- 1877, Geo. M. Hollenback, Millbrook.
- 1877, John Hurst, Minooka, (Grundy County.)
- 1878, John S. Seeley, Oswego.
- 1885, W. H. Shufelt, White Willow.

KNOX COUNTY—

- 1877, James Sloan, Yates City.
- 1877, G. A. Marshall, Abingdon.
- 1878, R. W. Miles, Gilson.
- 1885, A. B. Brown, Oneida.
- 1885, J. F. Latimer, Abingdon.
- 1885, Wm. Robinson, Wataga.
- 1885, S. O. Allen, Galesburg.
- 1887, P. H. Hammond, Oneida.

LAKE COUNTY—

- 1878, Henry Hart, Hainesville.
- 1878, Arthur Cook, Wauconda.
- 1879, J. B. Pope, Wadsworth.
- 1889, J. E. Mason, Half-Day.

LASALLE COUNTY—

- 1877, Thomas J. Davis, Triumph.
- 1877, Elmer Baldwin, Farm Ridge.
- 1878, George W. Armstrong, Seneca.
- 1883, L. A. Burgess, Tonica.
- 1883, Chas. T. Farrell, Ottawa.
- 1884, W. B. Rockwood, Sheridan.

LAWRENCE COUNTY—

- 1877, D. S. Porter, Lawrenceville.
- 1877, W. T. Buchanan, Sumner.
- 1882, J. A. Fyffe, Sumner.
- 1885, John Derr, Pinkstaff.
- 1888, Charles E. Corrie, Ruark.

LEE COUNTY—

- 1877, Abijah Powers, Prairieville.
- 1877, Jos. C. Lahman, Franklin Grove.
- 1879, Abram Brown, Dixon.
- 1884, Patrick Whalen, Walton.
- 1884, William McMahan, Paw Paw.

LIVINGSTON COUNTY—

- 1877, S. T. K. Prince, Dwight.
- 1880, Isaac Young, Pontiac.
- 1882, Robert Thompson, Flannigan.
- 1889, John Cline, Chenoa.
- 1889, N. J. Meyer, Ocoya.
- 1889, Austin Gibbons, Dwight.

LOGAN COUNTY—

- 1883, John Harmon, Beason.
- 1884, M. Wemple, Mt. Pulaski.
- 1884, R. A. Thibott, Burtonview.
- 1885, W. E. Williams, Chestnut.
- 1885, J. W. McCallister, Broadwell.
- 1888, N. W. Howe, Lincoln.

MACON COUNTY—

- 1876, V. Barber, Decatur.
- 1877, T. H. Barr, Argenta.
- 1877, G. Elliott, Harristown.
- 1880, D. P. Keller, Macon.
- 1885, S. P. Nickey, Oakley.
- 1887, George Johnson, Latham, (Logan County).

MACOUPIN COUNTY—

- 1877, J. H. Bauer, Bunker Hill.
- 1877, John P. Henderson, Virden.
- 1877, I. B. Vancil, Modesto.
- 1880, E. H. Wilson, Barnett, (Montgomery County).
- 1885, J. H. Wolfe, Nilwood.
- 1885, L. Corbin, Carlinville.
- 1885, George W. Ribble, Hettick.
- 1887, E. Etter, Palmyra.

MADISON COUNTY—

- 1877, V. P. Richmond, Moro.
- 1877, Irby Williams, Upper Alton.
- 1885, J. M. Pearson, Godfrey.
- 1885, Jones Tontz, Grant's Fork.
- 1887, Louis Latzer, Highland.

MARION COUNTY—

- 1882, W. D. Hills, Odin.
- 1886, E. C. Mills, Salem.
- 1886, J. J. Connelly, Iuka.
- 1886, Tunis H. Spitler, Iuka.

MARSHALL COUNTY—

- 1882, H. Marshall, Camp Grove, (Stark County).
- 1883, C. A. Whitney, Verna.
- 1887, Wm. Roth, Minonk, (Woodford County).

MASON COUNTY—

- 1878, J. M. Ruggles, Havana.
- 1882, Wm. M. Duffy, Havana.
- 1884, Charles A. Gore, Havana.
- 1885, J. A. McComas, Manito.
- 1888, E. J. Mell, San Jose.
- 1888, J. B. Conover, Kilbourne.
- 1888, Eugene Mathers, Teheran.

MASSAC COUNTY—

- 1877, L. W. Copeland, Joppa.
- 1882, J. R. Wetherill, Metropolis.
- 1888, Stanton Simpson, New Columbia.
- 1888, C. W. Bruner, Samoth.

MCDONOUGH COUNTY—

- 1877, James N. Devore, Bushnell.
- 1877, Samuel Frost, Macomb.
- 1877, W. H. Green, Bardolph.
- 1887, J. D. Tabler, Colman.

MCHEMRY COUNTY—

- 1877, E. H. Seward, Marengo.
- 1877, Sidney Disbrow, Alden.
- 1877, T. McD. Richards, Woodstock.
- 1889, C. Fred. Tryon, Greenwood.

MCLEAN COUNTY—

- 1877, John A. Ewins, Danvers.
- 1877, Nelson Jones, Towanda.
- 1877, Sylvester Peasley, Downs.
- 1879, C. N. Vandervoort, Randolph.
- 1882, D. F. Trimmer, Lexington.
- 1885, A. B. Branaman, Arrowsmith.

MENARD COUNTY—

- 1877, Thomas Kincaid, Athens.
- 1884, C. J. McDoel, Atterberry.
- 1884, Alex. Montgomery, Greenview.
- 1887, Thos. S. King, Fancy Prairie.
- 1888, W. R. Grimsley, Sweet Water.

MERCER COUNTY—

- 1877, Josiah Candor, Hamlet.
- 1877, Dan. W. Sedwick, Suez.
- 1878, Joseph U. David, New Windsor.
- 1882, David A. Clark, Preemption.
- 1882, Joshua Cabeen, Aledo.

MONROE COUNTY—

- 1881, John McCormick, Harrisonville.
- 1888, Louis Lichten, Renaut.
- 1889, W. A. Dinan, Ames

MONTGOMERY COUNTY—

- 1877, E. W. Miller, Raymond.
- 1881, E. H. Donaldson, Nokomis.
- 1881, A. T. Strange, Walshville.
- 1882, J. B. Pocock, Nokomis.
- 1885, Geo. N. Allen, Donnellson.
- 1886, Henry C. Barnes, Devon.

MORGAN COUNTY—

- 1877, James C. Fairbanks, Concord.
- 1877, John Gordon, Jacksonville.
- 1878, S. S. Dewees, Alexander.
- 1878, R. C. Curtis, Waverly.
- 1883, J. G. Bush, Murrayville.

MOULTRIE COUNTY—

- 1877, E. R. Cole, Sullivan.
- 1877, Wm. Kirkwood, Sullivan.
- 1880, G. W. Vaughan, Sullivan.
- 1884, J. P. Glasscock, Gays.

OGLE COUNTY—

- 1877, A. D. Clarke, Kyte River.
- 1885, Fred. Mathias, Woosung.
- 1887, Ambrose Sanborn, Polo.
- 1889, A. H. Middlekauff, Adeline.
- 1889, John A. Atwood, Stillman Valley.

PEORIA COUNTY--

- 1879, Joseph Gallup, Chillicothe.
- 1882, W. E. Elliott, Monica.
- 1883, S. D. Kemp, Elmwood.
- 1885, Wm. West, Smithville.

PERRY COUNTY--

- 1877, Alex. P. Baird, Pyatt Station.
- 1883, J. C. Blair, Cutler.
- 1886, John Tyler, DuQuoin.
- 1887, Daniel W. Day, Du Quoin.
- 1888, E. M. Harris, Holts.

PIATT COUNTY--

- 1877, Ezra Marquis, Sr., Deland.
- 1877, D. W. Smith, Farmer City (DeWitt County).
- 1879, John W. C. Gray, Atwood.
- 1889, S. M. Funk, Cerro Gordo.

PIKE COUNTY--

- 1877, W. R. Wills, Pittsfield.
- 1880, C. B. Dustin, Summer Hill.
- 1881, Edward Whittleton, Barry.
- 1882, L. W. McMahan, Griggsville.

POPE COUNTY--

- 1877, J. E. Y. Hanna, Golconda.
- 1887, J. N. Mavor, Eddyville.
- 1888, Wm. King, Rose Bud.

PULASKI COUNTY--

- 1877, H. C. Fearnside, Villa Ridge.
- 1879, J. H. Crain, Villa Ridge.
- 1880, W. A. Hight, Wetang.
- 1880, W. R. Crain, Villa Ridge.
- 1888, A. A. Austin, Mound City.

PUTNAM COUNTY--

- 1877, W. Durley, Hennepin.
- 1877, Joshua L. Mills, Mt. Palatine.
- 1880, W. S. Borley, Cottage Hill.
- 1884, George Longman, Sr., Putnam.
- 1885, J. M. McNabb, Mt. Palatine.

RANDOLPH COUNTY--

- 1877, Hugh Easdale, Tilden.
- 1881, J. B. Matthews, Marissa (St. Clair County).
- 1886, J. G. Elliff, Chester.
- 1888, James M. Clark, Sparta.
- 1889, C. M. Wheeler, Kaskaskia.

RICHLAND COUNTY--

- 1877, S. M. Thompson, Parkersburg.
- 1877, John Camp, Berryville.
- 1878, R. C. Morris, Olney.
- 1882, Thomas T. Taylor, Noble.
- 1887, Thomas Leaf, Olney.

ROCK ISLAND COUNTY--

- 1877, Jesse S. Daily, Cordova.
- 1877, Fred Osborn, Osborn.
- 1877, James Taylor, Taylor Ridge.
- 1882, R. D. McCreery, Coal Valley.
- 1882, Thos. Campbell, Rock Island.
- 1882, Samuel Goode, Andalusia.

SALINE COUNTY--

- 1877, W. M. Joyner, Stone Fort.
- 1887, L. D. Robertson, Somerset.
- 1889, Sarah Joyner, Stone Fort.
- 1889, John J. Jones, Eldorado.
- 1889, Samuel Barter, South America.
- 1889, J. S. Hawkins, Hartford.
- 1889, D. N. Anderson, Harrisburg.
- 1889, Jas. B. Irvin, Galatia.

SANGAMON COUNTY--

- 1877, George P. Weber, Glenarm.
- 1880, A. A. Pickrell, Mechanicsburg.
- 1881, James A. Stone, Bradfordton.
- 1885, John Upton, Springfield.
- 1885, J. T. Lewis, Chatham.

SCHUYLER COUNTY--

- 1877, R. C. Noyes, Camden.
- 1879, Charles M. Doyles, Rushville.
- 1885, W. C. Reno, Browning.

SCOTT COUNTY--

- 1877, Henry L. Gordon, Winchester.
- 1877, J. M. Leighton, Manchester.
- 1877, Henry Miner, Winchester.
- 1886, S. Barnes, Manchester.
- 1886, J. H. Hawk, Merritt.

SHELBY COUNTY--

- 1877, E. A. McCracken, Lakewood.
- 1878, L. H. Turner, Strasburg.
- 1880, Edward Roessler, Shelbyville.
- 1887, I. B. McNutt, Herrick.
- 1887, Elias Kost, Herrick.

STARK COUNTY--

- 1877, John Lackie, Osceola.
- 1877, H. H. Oliver, Toulon.
- 1877, J. M. Thomas, Wyoming.
- 1878, J. H. Anthony, West Jersey.
- 1886, Abel H. White, Lafayette.
- 1887, C. M. Turner, Toulon.

ST. CLAIR COUNTY--

- 1882, Geo. C. Eisenmeyer, Mascoutah.
- 1882, Peter Seibert, Fayetteville.
- 1882, M. T. Stooky, Belleville.
- 1885, T. F. Miller, Belleville.
- 1889, Joseph Balder, French Village.
- 1889, Jas. K. Miller, Caseyville.
- 1889, J. H. Atkinson, O'Fallon.

STEPHENSON COUNTY--

- 1877, F. B. Walker, Dakota.
- 1877, Hiram Snyder, Lena.
- 1882, Daniel Musser, Orangeville.
- 1887, E. Stevens, Howardsville.
- 1887, Giles Turneure, Ellis.

TAZEWELL COUNTY--

- 1877, George W. Minier, Minier.
- 1879, Jonathan B. Allen, Delavan.
- 1882, P. E. Ripper, Sands.
- 1888, John A. Roberts, Morton.
- 1888, John Slonneger, Cooper.

UNION COUNTY--

- 1881, G. W. Cline, Anna.
- 1887, J. D. Jones, Anna.
- 1888, Willis Cauble, Alto Pass.
- 1888, Wm. H. Garrett, Anna.
- 1889, H. T. Eastman, Anna.

VERMILION COUNTY--

- 1877, J. H. Oakwood, Catlin.
- 1878, Robert Barnett, Indianola.
- 1879, Thomas Armstrong, Rossview.
- 1887, Henry Davis, Fairmont.

WABASH COUNTY--

- 1877, John F. Harrington, Allendale.
- 1877, Joseph Litherland, Allendale.
- 1877, Thomas Riggs, Maud.
- 1879, M. L. Tilton, Mt. Carmel.

WARREN COUNTY—

- 1877, Henry Tubbs, Kirkwood.
- 1877, D. C. Graham, Cameron.
- 1877, J. D. Porter, Alexis.
- 1883, R. H. Rankin, Monmouth.
- 1887, H. T. Lape, Roseville.

WASHINGTON COUNTY—

- 1877, J. B. Spencer, Nashville.
- 1878, H. H. Meyer, Stone Church.
- 1881, August Stande, Okawville.
- 1887, Jas. B. Borders, Nashville.
- 1887, G. W. Walker, Beaucoup.
- 1887, Alexander Chesney, Plum Hill.

WAYNE COUNTY—

- 1877, Henry Kramer, Mt. Erie.
- 1877, L. M. Cisne, Cisne.
- 1877, A. M. Cable, Boyleston.
- 1883, Oliver Holmes, Fairfield.
- 1885, G. M. Karr, Johnsonville.
- 1888, Jas. M. Kindle, Rinard.

WHITE COUNTY—

- 1877, Ezekiel Hunsinger, Burnt Prairie.
- 1878, Nathan Caley, Caley.
- 1878, Boone Kershaw, Grayville.
- 1880, J. W. McHenry, Carini.
- 1887, W. F. Hoskins, Norris City.
- 1889, Wesley McCallister, Emma.

WHITESIDE COUNTY—

- 1877, L. S. Pennington, Sterling.
- 1885, Wm. Mathias, Prophetstown.
- 1886, John C. Aldrich, Tampico.

WILL COUNTY—

- 1877, Jacob Smith, Lockport.
- 1878, C. A. Westgate, Peotone;
- 1880, Samuel G. Nelson, Wallingford
- 1882, J. O. Piepinbrink, Crete.

WILLIAMSON COUNTY—

- 1877, S. M. Mitchell, Corinth.
- 1877, D. R. Harrison, Herrin's Prairie.
- 1877, Geo. W. Davis, Crab Orchard.
- 1878, James M. Washburn, Marion.
- 1882, H. M. Richart, Cartersville.
- 1885, C. A. Dennison, Marion.

WINNEBAGO COUNTY—

- 1877, J. H. Kirk, Rockford.
- 1877, Wm. Atkinson, Harrison.
- 1878, H. J. Rolason, Durand Station.
- 1878, Webster Osborn, Winnebago.
- 1886, Fred Saunders, Pecatonica.

WOODFORD COUNTY—

- 1880, C. M. Stephenson, Secor.
- 1882, J. H. Brown, Minonk.
- 1885, J. A. Simpson, Minonk.
- 1886, John Kaufman, Cruger.
- 1887, J. D. Smith, Metamora.
- 1887, A. C. Bell, Benson.
- 1887, Wm. Roth, Minonk.

MORTUARY LIST.**1889.****The Following Crop Correspondents Died in 1889.**

Date of Appointment.	NAME.	PLACE.	COUNTY.
1882.....	E. C. GILBERT	Geneseo.....	Henry
1877.....	J. O. BOLIN.....	Milton.....	Pike.....

The gentlemen named above were noted for their enterprise and devotion to the public interests, and are justly entitled to the grateful remembrance of all who have been interested in the statistical work of the Illinois State Board of Agriculture.

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ILLINOIS STATE FAIR—PEORIA, SEPTEMBER 29—OCTOBER 3, 1890.
AMERICAN FAT AND LIVE STOCK SHOWS—CHICAGO, NOVEMBER 13-22, 1890.
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 13-22, 1890.
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 13-22, 1890.

STATISTICAL REPORT

— OF THE —

— ILLINOIS —

State Board of Agriculture,

— FOR —

MAY 1, 1890.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

MADE TO THE

ILLINOIS STATE BOARD OF AGRICULTURE.

W. C. GARRARD, Secretary,

SPRINGFIELD.

CIRCULAR 148.

Illinois State Board of Agriculture.

ORGANIZATION FOR 1889-1890.

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Ex-President.....	SAMUEL DYSART.....	Franklin Grove
Treasurer.....	JOHN W. BUNN.....	Springfield
Secretary.....	W. C. GARRARD.....	Springfield

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4th District.....	WM. STEWART.....	Chicago
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10th District.....	D. W. VITUM, JR.....	Canton
11th District.....	E. B. DAVID.....	Aledo
12th District.....	W. H. FULKERSON.....	Jerseyville
13th District.....	J. W. JUDY.....	Tallula
14th District.....	LAFAYETTE FUNK.....	Shirley
15th District.....	E. E. CHESTER.....	Champaign
16th District.....	JOSEPH SKEAVINGTON.....	Albion
17th District.....	DAVID GORE.....	Carlinville
18th District.....	D. B. GILLHAM.....	Upper Alton
19th District.....	B. PULLEN.....	Centralia
20th District.....	J. M. WASHBURN.....	Marion

ILLINOIS CROP REPORT,

—FOR—

MAY 1, 1890.

Synopsis of the Reports of Correspondents upon the Condition of the Growing
Crops, Etc.

ILLINOIS STATE BOARD OF AGRICULTURE, }
SPRINGFIELD, May 1, 1890. }

The information contained in this circular was obtained from the reports of correspondents mailed to this office the first of May.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to this Department.

A large number of the correspondents have been reporting to this office during the past fourteen years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality,

The State covers such an extended area from north to south (385 miles) and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of crops.

WINTER WHEAT.

The area seeded to winter wheat last fall, 2,062,388 acres, has been reduced fully 38 per cent. by winter-killing and floods, as well as a small amount injured by Hessian fly. The

warm weather of the winter caused a rapid growth, and when the cold weather of March occurred, the plant was too tender to withstand the shock. On low lands much injury was also caused by water standing on the ground, and since the growing weather set in, it is very evident that a comparatively small area will pay for harvesting. The stand is very uneven, and while perhaps one field looks tolerably well, the one adjoining has been plowed up for oats or corn. Taking the State over, the May 1 condition is not promising for much over 75 per cent. of a crop on the present area.

Hessian fly is reported as damaging the wheat in Fulton, Henderson, Menard, Pope and Washington counties, while chinch bugs are reported in Kankakee county. The plant louse in great numbers is on the wheat in Gallatin county, and in Saline county, a little bug or gnat, which is new to the farmers in that section, is working on the wheat.

NORTHERN DIVISION.

In this division there is such a comparatively small area devoted to winter wheat that it is hardly worth while to take it into consideration when discussing the winter wheat crop. The area was but 67,554 acres when seeded, and there is a reduction of 9 per cent. on account of winter-killing and other causes. The May 1 condition for this division is 89 per cent.

CENTRAL DIVISION.

This section includes the greater part of what is known as the "wheat belt," and largely determines the extent of the wheat crop of Illinois. Last fall the area seeded to winter wheat was 1,077,854 acres, of which 42 per cent. was winter-killed, leaving an area standing for harvest of 621,830 acres.

The condition of the standing crop in this division is reported at 73 per cent. of an average for May 1.

In the following counties in this division less than 25 per cent. of the area seeded was winter-killed: Calhoun and Cass, 17 per cent.; DeWitt, 7; Fulton, 16; Hancock, 18; Mason, 19; McDonough and Menard, 18; Moultrie, 15; Piatt, 13; Tazewell, 7.

But one county in this section reports the May 1 condition as up to an average, viz: DeWitt, 107 per cent.

In the following counties in Central Illinois the May 1 condition is encouraging for 90 per cent. of an average yield on the present area: Cass, 90; Hancock, 93; Tazewell, 94 per cent.

SOUTHERN DIVISION.

The plant suffered less from winter-killing in this division than in the central, and the general condition of the standing crop is better.

The area seeded last fall was 916,980 acres, of which 34 per cent. was winter-killed, leaving an area of 602,907 acres, with a moderately fair prospect for 78 per cent. of an average yield per acre from the same. The smallest per cent. winter-killed in any county was 1 per cent. in Alexander and Pulaski, while in Jackson county only 5 per cent. was destroyed.

The May 1 condition is over 90 per cent. in the following counties, viz: Clay, 92; Franklin, 98; Pulaski, 98, and Richland, 92.

The most unfavorable condition in this section at this date is Monroe county, where but 50 per cent. of an average yield per acre on the standing crop may be expected.

SPRING WHEAT.

The area devoted to spring wheat in Illinois this season is about 6 per cent. less than last season.

NORTHERN DIVISION.

There is a slight increase in area in spring wheat in this section in the following counties: Cook, 105 per cent.; DuPage and Lake, 102; Lee, 112; Livingston, 105; Ogle, 107.

The present (May 1) condition, is favorable for about 95 per cent. of an average yield per acre.

CENTRAL DIVISION.

The area devoted to spring wheat in central Illinois this season, as compared with 1889, is as follows; DeWitt county 95 per cent; Ford, 80; Fulton, 90; Mason, 90; McDonough, 100; Piatt, 95; Vermilion, 110.

The condition in Vermilion county indicates but half an average yield per acre; Ford and Mason, 90, while in DeWitt, Fulton, McDonough and Piatt Counties, a full average yield per acre is anticipated.

OLD WHEAT.

Over a million and a half more bushels of wheat was in first hands May 1, 1890, than at corresponding date last year. In 1889 there was 37,201,916 bushels of wheat harvested in Illinois, of which 16,282,483 bushels was required for seed and consumption, leaving a surplus of 20,919,433 bushels of which 5,722,594 remains in the hands of the farmers May 1, 1890.

The following table gives the amount of "old wheat" in first hands the first of May, since and including 1880:

Year Produced.	Crop in bushels.	Per cent. crop on hand following May 1.	Amount crop in producers' hands following May 1.	Surplus wheat above seed and consumption at harvest.	Deficit at harvest.
1880	56,508,309	*15	8,476,246	39,851,883	.....
1881	22,374,163	13	2,924,039	5,765,414	.....
1882	52,323,261	15	8,174,634	36,214,133	.....
1883	20,374,572	15	3,208,358	4,575,152	.....
1884	34,367,493	18	6,350,202	17,367,794	.....
1885	5,299,243	14	1,201,904	.....	5,439,786
1886	28,284,086	15	4,000,931	12,082,999	.....
1887	38,076,486	13	5,034,875	21,942,119	.....
1888	33,916,920	12	4,022,569	17,334,947	.....
1889	37,201,916	15	5,722,594	20,919,433	.....
Average	32,872,645	15	4,911,635	19,450,430	5,439,786

*Estimated.

The amount of surplus wheat above seed and consumption given in the above table is determined by deducting at time of harvest from the entire crop of the season, the quantity required to seed an area equal in extent to that harvested, at the rate of $1\frac{1}{2}$ bushels per acre, and provide 4 bushels per capita for consumption during the ensuing twelve months.

RYE.

While the same causes that effected the winter-killing of wheat operated to some extent on rye, the hardier nature of the plant enabled it to withstand it better, and the comparatively small area devoted to this crop in Illinois makes the outcome less serious than in the case of wheat.

The area sown last fall was 171,707 acres, and the area winter-killed or otherwise destroyed was a little over 20 per cent.

With favorable conditions until harvest about 92 per cent. of an average yield per acre on the present area may be expected in the northern division of the State. In the following counties in this section the May 1 condition is favorable for a full average yield per acre: Knox, LaSalle, Lee, Marshall and Whiteside, 100 per cent.; Putnam, 101; Warren, 102; Kendall, 103, and Carroll, 104.

In central Illinois the outlook is a little brighter than in the northern division, although the area is not so large. A full average yield per acre is anticipated in the counties named below: DeWitt, 103; Edgar, Macon, McDonough, Menard, Moultrie, Pike, Sangamon, Schuyler, Scott, and Tazewell, 100; Piatt, 105.

The May 1 condition of rye is less favorable in the southern division of the State, than in other sections, being only 85 per cent. of a seasonable average. In the following counties only is the prospect encouraging for an average yield per acre, viz: Fayette, Franklin, Hamilton, Richland, and St. Clair, 100; Clay, 110.

OATS.

The area in oats this season is about 6 per cent. smaller than the area of 1889, when 3,663,936 acres were sown.

The average condition of the crop throughout the State is about 89 per cent.

NORTHERN DIVISION.

In this section the area is about the same as last year. In the following counties an increased area was sown to oats: Woodford, 101 per cent.; Boone, Bureau, Cook, and Putnam, 102; Lee and Marshall, 103; Mercer, 105; Kendall, 107; Whiteside, 112.

The May 1 condition is encouraging for an average yield per acre only in Cook, Grundy, Putnam, and Whiteside counties. But little over 90 per cent. of an average yield per acre may be expected in this division.

CENTRAL DIVISION.

The area in oats in central Illinois this year will not differ materially from that of a year ago, but would have been greatly reduced on account of the unfavorable weather in March and April had it not been for the fact that so large an area of the winter wheat was winter-killed, and many farmers simply ran a drill through the fields, planting the oats with the standing wheat.

An increased area in this division is reported from the following counties: Adams, 101; Champaign and Christian, 110; Cumberland, 102; Edgar, 105; Greene, 110; Jersey, 105; Macoupin, 118; McDonough, 102; Montgomery, 107; Morgan, 103; Pike, 107; Shelby, 102. An average condition per acre is reported from Calhoun, Cass, Champaign, Clark, Moultrie, Tazewell, and Vermilion counties.

SOUTHERN DIVISION.

The most discouraging reports on oats come from the southern portion of the State. The area sown is but 82 per cent. as compared with 1889, but three counties having as large an area as last year: Monroe, 100; and Pulaski and Union, 105 per cent. The deficiency is attributed to the cold, wet weather of March and April, which was not favorable for seeding until so late that a great deal of corn was planted instead of oats.

The condition of the crop at this date is favorable for only 83 per cent. of an average yield per acre, no county in this division having an average seasonable condition. In the following counties the May 1 condition is encouraging for 90 per cent. or upwards of an average yield per acre: Alexander, Clay, Crawford, Effingham, Marion and Monroe, 90 per cent.; Hardin, 91; Jasper, 92; Union, 93; Pulaski, 97 per cent.

A table published elsewhere in this report gives the comparative area this year and the May 1 condition of oats since 1882.

BARLEY.

But twenty-four counties in the State report any barley raised. The area is but 93 per cent. as compared with 1889, and the May 1 condition is not encouraging for 90 per cent. of an average yield per acre.

OLD CORN.

While a larger per cent. of the 1889 corn crop remained in producers' hands May 1, 1890, than ever before on corresponding date, the number of bushels is not so large as last year by 3,446,772 bushels. With two exceptions, however—May, 1880, and 1889—the amount is the largest ever held over. The crop of 1889 reached 247,980,589 bushels, of which amount 36 per cent., or 89,137,466 bushels is still in first hands.

The late fall and open winter of the past season enabled farmers to keep their stock on pasture unusually late, so that a comparatively small amount of corn was needed for feed.

The following table gives the amount of "old corn" in the producers' hands May 1, the past eleven years, as well as the extent of the crop produced each preceding year:

Year Produced.	Crop in bushels.	Per ct. corn on hand fol- lowing May.	Bushels corn in produ- cers' hands following May
1879	305,913,377	32+	99,229,889
1880	250,697,036	28+	71,929,343
1881	174,491,706	21+	37,445,964
1882	179,471,729	24+	43,450,857
1883	186,583,558	21+	39,478,621
1884	207,556,662	24+	50,102,262
1885	230,922,298	24+	57,107,027
1886	182,755,053	24+	44,247,096
1887	129,537,603	18+	23,573,279
1888	277,726,451	33+	92,584,238
1889	247,980,589	36	89,137,466
Average	215,785,096	27	58,935,695

MEADOWS.

The area in meadows this season is one per cent. less than last year. In very few counties is there any increase in the area over that of 1889. A slightly increased area is

noted in the following counties: Boone, 102 per cent.; Carroll, 106; Clay, 106; Cumberland, 102; Edwards, 103; Effingham, 110; Fayette, 115; Franklin, 103; Hamilton, 107; Hardin, 101; Jasper, 108; Jefferson, 102; Kane, 104; Lake, 102; Lawrence, 104; McHenry, 102; Mercer, 105; Monroe, 102; Ogle, 102; Perry, 103; Pope, 111; Richland, 103; Saline, 106; Scott, 103; Shelby, 104; St. Clair, 102; Union, 101; Washington, 102; Wayne, 107; White, 103; Williamson, 104.

The May 1 condition is not encouraging for over 97 per cent. of an average yield per acre. The most discouraging report comes from Mercer county, where but 70 per cent. of an average yield per acre is anticipated.

PASTURES.

There is very little change in the area devoted to pastures from year to year. As creameries are established farmers usually devote more land to pasture, and reduce their area of cereals. The state area for 1890 is 99 per cent. as compared with 1889.

The condition of pastures is about the same as meadows, 97 per cent. The reports generally are good, except where stock was turned on while the ground was too wet, and the grass was badly trampled. In the following counties the May 1 condition is much above an average: Edwards, 117; Grundy, 110; Marion, 110; Pope, 114; Union, 112. In but two counties, Massac and Monroe, is the condition as low as 75 per cent.

LIVE STOCK.

HORSES.

The number of horses in the State is somewhat larger than last year, and their general condition is good. The most serious complaint is that of the loss of spring colts, either before or after foaling, and in many cases the mares also die. These reports have been received from Carroll, Clay, DuPage, Fulton, Hamilton, Henry, Iroquois, LaSalle, Macon, Marshall, McDonough, McLean, Morgan, Peoria, Piatt, Randolph, Rock Island, Saline and Tazewell counties.

While distemper has not been so general as some seasons it has prevailed to a greater or less extent in the counties of Clay, DuPage, Fayette, Greene, Knox, Livingston, Perry, Pope, Rock Island, Tazewell, Wayne, Williamson, and Woodford. There has been some lung fever among horses in Piatt county, and Pope county reports a good many cases of glanders.

MULES.

There is quite a decrease in the number of mules kept this year as compared with a year ago. Illinois farmers seem to prefer horses, and the large number of draft horses imported and bred in the State are largely used in farm work.

The condition of mules is good, no disease of any kind being reported among them.

CATTLE.

The number of cattle on hand May 1, 1890, is 6 per cent. less than a year ago at this date. There is a larger number in the following counties, as noted: Alexander, 110; Bond, 101; Franklin, 102; Fulton, 101; Hardin, 106; Johnson, 103; Monroe, 102; Perry, 102; Pope, 105; Randolph, 104; Saline, 101; Washington, 104. It will be noticed that with one exception, Fulton, all the counties named are in the southern portion of the State, and indicate a tendency among the farmers of that section to devote more attention to stock raising.

Cattle all over the State are in very fair condition. The only complaints of disease among them are in Fayette county, where some cows with young calves have been affected with spinal disease, and in LaSalle county, where a good many calves have come dead, or died soon after birth.

DAIRY COWS.

There is no material change in the number of dairy cows in the State during the past year, and their condition is about an average for this season.

HOGS.

The number of hogs in the State is less than a year ago by 5 per cent

Their condition is about a seasonable average. In the counties named below there is some little disease, principally cholera: Franklin, Fulton, Hardin, Henderson, Jasper, Knox, Livingston, Macoupin, Perry, Pope, Richland, Saline, Sangamon, White, Williamson and Woodford.

In Henderson county about five-eighths of the young pigs are reported to have died, and in Saline county they are dying with a strange disease which affects the head and eyes.

SHEEP.

Sheep raising has never recommended itself very strongly to the breeders of Illinois, and the May 1 reports indicate that it is not growing in favor among them, the number on hand at that date being but 93 per cent. as many as on corresponding date last year.

The health of sheep is excellent, there being no complaints whatever of disease.

SPRING WORK.

The proportion of spring work done by May 1 is much smaller this year than usual, owing to the cold, wet months of March and April. In but fifteen counties in the State is the amount of work done so large as is usual at this date, while in a great many it is very much less.

The soil has rarely been in so poor a condition as this year. In most sections it is very tough, clammy, and hard to pulverize. This condition is largely due to the lack of freezing weather during the winter. In very few localities is the condition of the soil even fairly good.

FRUIT.

In most portions of the State there was a great quantity of fruit bloom of all kinds, but a large portion of it fell off. In Mason county the fruit suffered severely from the hail storm which occurred on April 14th, and destroyed both bloom and buds.

HONEY BEES.

Most bee-keepers report that their bees have wintered poorly. The warm winter rendered them more active than usual, and they used their stock of honey before they could gather any fresh food.

In some places the moth has attacked them, and the number of hives in the State this season will be smaller than usual.

WAGES PAID FARM HANDS.

The supply of farm hands this season is not quite up to the demand.

The wages paid are a little less than a year ago. There is less change in the central than in the northern and southern portions of the State.

As compared with 1889 the wages paid farm hands this season are as follows: Per day with board, 1889, \$0.83; 1890, \$0.78; per day without board, 1889, \$1.10; 1890, \$1.08; per month with board, 1889, \$17.07; 1890, \$16.80; per month without board, 1889, \$23.67; 1890, \$23.38.

The average wages paid farm hands during the past ten years in the three grand divisions of the State, are given in the following table:

DIVISION.	PER DAY.		PER MONTH.	
	With board.	Without board.	With board.	Without board.
Northern	\$0 98	\$1 28	\$19 53	\$27 49
Central	0 85	1 11	17 78	24 29
Southern	0 65	0 92	14 51	20 80
Average	\$0 83	\$1 10	\$17 27	\$24 22

The wages paid farm help in the three divisions of the State, during the past eleven years, is given in the following tables:

NORTHERN DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With board.	Without board.	With board.	Without board.
1880	\$0 94	\$1 15	\$17 53	\$25 25
1881	0 95	1 25	19 55	27 25
1882	1 05	1 40	21 40	29 75
1883	1 05	1 35	21 15	29 75
1884	1 00	1 25	20 50	29 00
1885	1 00	1 25	19 50	27 75
1886	1 00	1 30	19 18	26 80
1887	0 95	1 30	19 10	27 50
1888	0 95	1 25	18 50	26 10
1889	1 00	1 30	19 35	26 90
1890	0 95	1 25	19 10	26 30
Average	\$0 98	\$1 28	\$19 53	\$27 49

CENTRAL DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With board.	Without board.	With board.	Without board.
1880.....	\$0 75	\$1 00	\$16 15	\$22 65
1881.....	0 85	1 10	17 85	24 75
1882.....	0 90	1 20	18 65	25 80
1883.....	0 90	1 20	18 90	26 25
1884.....	1 00	1 25	18 75	25 75
1885.....	0 75	1 00	17 75	25 00
1886.....	0 85	1 10	17 45	24 45
1887.....	0 85	1 10	17 55	24 50
1888.....	0 85	1 10	17 60	24 25
1889.....	0 85	1 10	17 65	24 15
1890.....	0 85	1 10	17 25	24 05
Average ..	\$0 85	\$1 11	\$17 78	\$24 29

SOUTHERN DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With board.	Without board.	With board.	Without board.
1880.....	\$0 65	\$0 95	\$14 00	\$20 45
1881.....	0 65	0 90	14 75	21 05
1882.....	0 65	0 90	14 55	21 00
1883.....	0 70	0 95	15 30	22 10
1884.....	0 75	1 00	15 25	22 25
1885.....	0 75	1 00	15 00	21 25
1886.....	0 65	0 90	14 25	20 90
1887.....	0 65	0 90	14 30	20 50
1888.....	0 65	0 90	13 95	20 55
1889.....	0 65	0 90	14 20	19 95
1890.....	0 55	0 90	14 05	19 80
Average ..	\$0 66	\$0 92	\$14 51	\$20 89

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and reasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. In reporting condition, 100 is used by correspondents to represent a fair seasonable average vitality or growth of crops, unaffected by storms, insects or contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The observers of the Department are, as a rule, experienced farmers who have made the study of the conditions and yield of crops their life work, conservative

men who realize the necessity for the work done by this department and assist it by their gratuitous reports.

It is not pretended that these reports will exactly coincide with the official assessors' returns, but they do represent the condition or yield of the various crops, etc., at the dates given, as estimated by men experienced in this work, and their estimates, for a term of years, will be found to closely approximate the assessors' returns.

W. C. GARRARD,

Secretary.

CROP REPORT.

COUNTIES.	Area S e e d e d.	Per cent. de- stroyed or winter-killed.	Area Growing Crop.	Average Condition May 1.									
				1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Boone.....	229	15	195	97	95	90	97	102	104	95	83	102	58
Bureau.....	1,062	10	956	92	93	62	85	100	75	70	100	110	83
Carroll.....	2,188	50	1,094	97	92	50	90	105	47	107	75	90	51
Cook.....	347	50	273	*88	100	50	92	100	90	90	92	102	102
Dekalb.....	132	5	132	90	94	80	100	105	97	100	100	105	85
DuPage.....	139	15	119	100	100	*74	90	110	80	100	100	100	92
Grundy.....	1,194	22	6,364	*84	82	75	88	105	70	83	85	107	70
Henderson.....	7,485	10	1,441	90	100	100	78	100	90	90	51	115	73
Henry.....	1,490	10	1,463	87	100	72	90	101	49	101	77	105	17
Iroquois.....	1,874	22	4,224	80	85	92	80	102	100	95	95	100	63
JoDavies.....	4,224	17	177	85	100	73	92	105	75	85	68	113	95
Kane.....	213	35	737	80	100	80	78	100	95	100	82	100	75
Kankakee.....	1,134	25	1,22	85	97	62	96	107	80	103	82	109	84
Kendall.....	1,163	25	6,248	96	97	72	92	100	62	85	80	106	50
Knox.....	340	70	1,102	75	97	72	82	90	77	84	80	96	110
Lake.....	3,483	2	3,413	100	96	100	94	*101	75	100	40	103	77
LaSalle.....	242	22	242	90	85	75	75	97	85	100	63	100	50
Lee.....	1,942	15	1,515	95	95	90	90	90	92	115	110	110	103
Livingston.....	1,032	7	877	95	100	90	*90	115	90	100	76	105	75
Marshall.....	1,495	8	460	92	90	77	85	95	70	100	62	103	100
McHenry.....	916	8	1,657	77	90	75	92	98	75	97	88	112	90
Mercer.....	1,801	8	1,657	83	95	77	77	102	82	90	91	107	101
Ogle.....	11,997	10	11,997	95	106	77	90	102	82	83	65	108	90
Peoria.....	511	10	404	*89	102	77	79	110	60	83	65	108	90
Punam.....	404	10	215	*89	100	83	86	102	75	100	76	102	110
Rock Island.....	259	7	2,574	90	100	86	85	102	75	90	76	106	42
Stark.....	2,768	5	2,597	76	66	85	93	99	72	90	87	107	76
Stephenson.....	2,639	10	2,507	101	103	82	95	109	82	100	70	105	28
Warren.....	719	10	647	100	100	75	90	100	80	50	97	107	25
Whiteside.....	2,317	67	2,317	*88	97	87	98	96	52	95	62	106	25
Will.....	412	12	136	65	87	75	78	90	72	97	98	102	70
Winnebago.....	8,255	9	7,264	94	101	72	91	95	77	94	80	105	73
Woodford.....	67,554	9	61,424	89	95	77	88	101	77	94	80	105	73
Total or average.....													

*Estimated.

ACREAGE AND CONDITION WINTER WHEAT, CENTRAL DIVISION.

COUNTIES.	Area Seeded.	Per cent. de- stroyed or winter-killed.	Area Growing Crop.	Average condition May 1.									
				1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Adams	66,278	44	37,115	72	97	65	107	102	43	71	90	75	68
Brown	24,933	30	17,453	57	93	70	100	102	67	83	88	100	65
Calhoun	16,928	17	14,050	82	103	50	100	100	83	95	90	102	82
Cass	28,447	17	23,611	90	107	72	103	112	65	102	87	120	32
Champaign	19,131	50	9,565	75	106	58	102	98	*25	60	62	116	55
Christian	47,326	52	22,716	42	99	44	105	106	33	77	72	92	41
Clark	16,834	*54	7,743	*62	87	38	93	81	37	50	74	90	78
Coles	11,439	90	1,144	42	97	25	98	99	48	71	55	103	63
Cumberland	8,868	67	2,926	57	102	54	104	98	45	81	67	103	83
DeWitt	5,136	7	4,777	107	100	65	92	117	82	102	62	125	26
Douglas	7,344	43	4,186	68	107	57	102	102	103	54	82	108	60
Edgar	21,775	75	5,444	52	79	55	94	92	85	97	55	103	79
Ford	575	..	575	*78	110	81	75	*102	..	..	40	95	52
Fulton	43,125	16	36,225	74	97	63	100	109	66	99	86	120	68
Greene	54,089	67	17,849	72	102	55	110	106	30	97	80	93	78
Hancock	46,228	18	37,907	93	107	71	104	110	65	107	95	116	66
Jersey	46,333	50	23,166	62	137	54	102	92	25	88	75	96	83
Logan	46,194	35	30,026	80	102	64	101	108	65	102	52	108	38
Macon	1,829	45	1,006	72	102	55	96	107	88	73	44	106	53
Macoupin	71,001	66	24,140	51	101	55	97	96	34	80	77	106	79
Mason	60,169	19	48,736	87	107	60	102	105	57	102	77	106	50
McDonough	8,054	18	6,604	88	90	82	117	108	58	106	..	115	71
Mc Lean	8,262	36	5,287	73	100	78	98	110	72	86	57	112	64
Menard	23,711	18	19,443	78	102	66	105	105	53	103	62	112	53
Montgomery	64,178	87	8,343	80	106	40	109	104	47	52	52	96	61
Morgan	49,961	39	30,476	82	107	81	99	108	80	107	94	110	57
Moultrie	2,928	15	2,488	72	88	47	85	102	48	70	75	102	39
Piatt	5,104	13	4,440	80	100	62	100	100	62	87	54	97	54
Pike	81,142	32	55,176	62	105	68	112	97	29	60	74	116	34
Sangamon	61,730	52	29,630	76	106	72	104	104	44	100	71	106	59
Schuyler	42,750	25	32,082	73	112	50	101	108	75	95	95	108	68
Scott	13,959	48	7,258	70	113	67	106	100	40	82	59	92	58
Shelby	18,881	46	10,195	76	103	27	103	108	10	83	74	103	43
Tazewell	38,020	7	35,358	94	114	60	97	140	64	105	77	109	60
Vermilion	15,192	69	4,710	79	120	42	100	110	15	71	40	112	58
Total or average	1,077,854	42	621,830	73	103	58	101	104	53	86	68	103	59

COUNTIES.	Area S seeded.	Per cent. de- stroyed or winter-killed	Area Growing Crop.	Average Condition May 1.									
				1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Alexander.....	10,307	1	10,204	80	100	79	165	115	60	100	53	148	96
Bond.....	19,607	50	3,804	76	107	70	108	93	39	59	54	105	77
Clay.....	3,951	21	3,121	92	107	56	82	78	62	62	64	100	70
Clinton.....	72,150	41	42,569	67	121	25	60	83	76	90	40	97	58
Crawford.....	20,681	36	13,236	69	101	54	87	100	47	35	65	97	73
Edwards.....	14,123	47	1,485	53	120	82	77	95	75	61	75	100	58
Engleham.....	21,755	31	15,011	82	102	45	112	100	24	62	74	92	82
Fayette.....	10,847	42	2,260	75	95	18	90	95	41	80	75	96	80
Franklin.....	3,568	37	6,291	88	95	100	90	108	70	82	90	107	68
Galatin.....	23,566	95	17,675	85	111	92	78	104	43	75	55	103	66
Hamilton.....	2,185	37	1,377	77	103	80	73	112	77	75	82	106	92
Hardin.....	6,801	50	4,761	67	100	73	113	100	40	90	80	106	86
Jackson.....	35,235	5	33,473	85	110	50	95	70	40	47	55	111	75
Jasper.....	6,561	13	5,708	48	104	46	70	82	46	33	61	107	52
Jefferson.....	6,766	43	3,857	83	*101	70	89	106	39	73	70	106	92
Johnson.....	7,928	28	5,708	72	105	95	66	83	48	80	56	90	90
Lawrence.....	29,147	40	17,487	72	104	55	86	95	32	77	80	102	85
Madison.....	100,476	97	63,208	76	104	55	86	95	32	77	80	102	85
Marion.....	3,885	30	2,685	75	102	47	87	97	65	63	52	102	65
Massac.....	13,589	10	17,630	75	102	75	102	117	55	86	81	113	112
Monroe.....	62,598	50	31,299	50	115	75	85	70	82	100	86	110	90
Perry.....	9,832	18	8,062	90	115	80	77	70	59	69	67	109	68
Pope.....	11,494	50	5,747	90	103	75	92	98	87	87	61	99	97
Pulaski.....	10,403	1	10,289	98	102	101	90	112	56	103	83	110	108
Randolph.....	81,613	34	53,865	65	114	50	100	77	73	95	64	111	75
Richland.....	10,543	30	7,380	92	105	69	75	93	47	52	62	103	71
Saline.....	13,848	35	9,001	77	95	65	83	96	55	85	55	106	80
St. Clair.....	27,023	27	19,127	76	105	50	88	108	60	85	90	103	95
Union.....	21,972	19	17,797	75	107	83	90	108	50	85	82	103	58
Wabash.....	43,674	37	49,817	70	116	39	87	65	42	75	63	100	75
Washington.....	3,031	27	4,901	79	91	55	51	33	38	62	42	106	59
Wayne.....	4,166	36	28,438	80	108	64	62	94	51	61	61	107	66
White.....	44,435	36	28,438	61	102	74	74	100	62	56	62	112	65
Williamson.....	7,164	40	4,238	61	102	74	74	100	62	56	62	112	65
Total or average.....	916,980	34	602,907	78	105	67	88	91	55	73	68	103	77

*Estimate.

CONDITION OF SPRING WHEAT MAY 1.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.										COUNTIES.										COUNTIES.									
Average condition May 1.										Average condition May 1.										Average condition May 1.									
A.C. '90 com with 1890										A.C. '90 com with 1890										A.C. '90 com with 1889									
1890	1889	1888	1887	1886	1885	1884	1883			1890	1889	1888	1887	1886	1885	1884	1883	1890	1889	1888	1887	1886	1885	1884	1883				
Boone.....	89	85	101	95	102	100	100	Adams.....	80	100	100	100	100	100	100	100	100	Alexander.....	100	100	100	100	100	100	100				
Bureau.....	99	95	101	90	90	90	90	Brown.....	90	90	90	90	90	90	90	90	90	Bond.....	100	100	100	100	100	100	100				
Carroll.....	82	88	101	92	95	100	100	Calhoun.....	90	90	90	90	90	90	90	90	90	Clay.....	100	100	100	100	100	100	100				
Cook.....	105	100	100	93	97	105	97	Cass.....	100	100	100	100	100	100	100	100	100	Clinton.....	100	100	100	100	100	100	100				
DeKalb.....	97	97	98	100	108	102	99	Champaign.....	100	100	100	100	100	100	100	100	100	Crawford.....	100	100	100	100	100	100	100				
DuPage.....	102	95	102	97	100	100	100	Christian.....	60	95	95	95	95	95	95	95	95	Edwards.....	100	100	100	100	100	100	100				
Grundy.....	100	110	112	80	100	100	100	Clark.....	100	100	100	100	100	100	100	100	100	Efingham.....	100	100	100	100	100	100	100				
Henderson.....	100	97	80	93	102	100	100	Coles.....	100	100	100	100	100	100	100	100	100	Fayette.....	100	100	100	100	100	100	100				
Henry.....	98	97	103	94	90	102	97	Cumberland.....	95	100	100	100	100	100	100	100	100	Franklin.....	100	100	100	100	100	100	100				
Iroquois.....	95	97	110	90	105	105	100	DeWitt.....	100	100	100	100	100	100	100	100	100	Gallatin.....	100	100	100	100	100	100	100				
JoDavies.....	100	100	100	100	100	90	100	Douglas.....	95	100	100	100	100	100	100	100	100	Hamilton.....	100	100	100	100	100	100	100				
Kane.....	67	85	100	92	97	100	100	Edgar.....	100	100	100	100	100	100	100	100	100	Hardin.....	100	100	100	100	100	100	100				
Kankakee.....	70	92	100	92	92	100	100	Ford.....	80	90	75	75	75	75	75	75	75	Jackson.....	100	100	100	100	100	100	100				
Kendall.....	87	92	99	89	95	102	100	Fulton.....	90	100	60	60	60	60	60	60	60	Jasper.....	100	100	100	100	100	100	100				
Knox.....	97	103	100	92	97	105	100	Greene.....	100	100	100	100	100	100	100	100	100	Jefferson.....	100	100	100	100	100	100	100				
Lake.....	102	95	105	97	90	102	98	Hancock.....	100	100	100	100	100	100	100	100	100	Johnson.....	100	100	100	100	100	100	100				
LaSalle.....	95	95	93	95	100	96	92	Jersey.....	100	100	100	100	100	100	100	100	100	Lawrence.....	100	100	100	100	100	100	100				
Lee.....	112	100	105	97	92	101	100	Logan.....	100	100	100	100	100	100	100	100	100	Madison.....	100	100	100	100	100	100	100				
Livingston.....	105	100	90	80	85	100	75	Macon.....	100	100	100	100	100	100	100	100	100	Marion.....	100	100	100	100	100	100	100				
Marshall.....	72	87	94	95	92	90	100	Maconin.....	90	90	100	100	100	100	100	100	100	Massac.....	100	100	100	100	100	100	100				
McHenry.....	100	98	100	100	100	100	100	Mason.....	100	100	100	100	100	100	100	100	100	Monroe.....	100	100	100	100	100	100	100				
Mercer.....	100	80	95	72	83	102	50	McDonough.....	100	100	87	87	87	87	87	87	87	Perry.....	100	100	100	100	100	100	100				
Ogle.....	107	96	100	95	102	96	90	McLean.....	95	95	95	95	95	95	95	95	95	Pope.....	100	100	100	100	100	100	100				
Peoria.....	72	72	100	80	85	93	90	Menard.....	100	100	100	100	100	100	100	100	100	Pulaski.....	100	100	100	100	100	100	100				
Putnam.....	92	102	87	91	104	100	97	Montgomery.....	100	100	100	100	100	100	100	100	100	Randolph.....	100	100	100	100	100	100	100				
Rock Island.....	95	100	88	95	102	85	100	Morgan.....	100	100	100	100	100	100	100	100	100	Saline.....	100	100	100	100	100	100	100				
Stark.....	100	100	100	85	92	95	100	Moultrie.....	100	100	100	100	100	100	100	100	100	St. Clair.....	100	100	100	100	100	100	100				
Stephenson.....	94	96	100	86	98	94	107	Piatt.....	95	100	100	100	100	100	100	100	100	Union.....	100	100	100	100	100	100	100				
Warren.....	95	102	101	98	98	102	97	Pike.....	100	100	100	100	100	100	100	100	100	Wabash.....	100	100	100	100	100	100	100				
Whiteside.....	75	100	90	97	100	90	95	Sangamon.....	100	100	100	100	100	100	100	100	100	Washington.....	100	100	100	100	100	100	100				
Will.....	100	100	95	102	95	117	100	Schuyler.....	100	100	100	100	100	100	100	100	100	Wayne.....	100	100	100	100	100	100	100				
Winnebago.....	100	100	100	87	100	85	98	Scott.....	100	100	100	100	100	100	100	100	100	White.....	100	100	100	100	100	100	100				
Woodford.....	100	100	100	83	95	100	97	Shelby.....	100	100	100	100	100	100	100	100	100	Williamson.....	100	100	100	100	100	100	100				
Average.....	94	95	101	92	94	101	95	Tazewell.....	110	50	95	95	95	95	98	100	97	Average.....	100	100	100	100	100	100	100				
								Vermilion.....	94	96	95	87	87	98	100	97	97												
								Average.....	94	96	95	87	87	98	100	97	97												

*Estimated.

CONDITION OF WINTER RYE, MAY 1.

CROP REPORT.

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NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
Average condition May 1.					Average condition May 1.					Average condition May 1.					Average condition May 1.					Average condition May 1.					Average condition May 1.				
COUNTIES.	1890	1889	1888	1887	1886	1885	1884	1883	1882	COUNTIES.	1890	1889	1888	1887	1886	1885	1884	1883	1882	COUNTIES.	1890	1889	1888	1887	1886	1885	1884	1883	1882
Boone.....	94	92	83	97	104	102	91	84	82	97	100	96	100	97	96	100	96	100	96	Alexander..	80	100	95	105	100	80	90	95	106
Bureau....	97	98	80	97	97	99	100	90	90	97	98	100	100	100	100	100	100	100	100	Bond.....	110	110	87	95	85	50	75	7	110
Carroll....	104	92	90	97	102	89	104	88	120	Calhoun....	105	100	100	99	100	100	100	100	100	Clay.....	110	110	87	95	85	50	75	7	110
Cook.....	73	102	93	92	103	107	95	100	96	101	Cass.....	100	81	100	100	70	95	100	107	Clinton..	84	100	60	85	100	85	84	80	103
DeKalb....	92	100	92	103	107	95	100	96	101	Champaign	60	100	100	100	85	85	95	100	96	Crawford..	60	100	60	85	100	85	84	80	98
DuPage....	88	95	87	87	112	97	91	105	100	Christian	60	100	100	100	94	85	58	62	91	Edwards..	75	75	100	100	100	100	100	100	100
Grundy....	100	100	89	110	86	98	98	98	90	Clark.....	75	86	55	97	94	85	58	62	91	Effingham	102	98	70	105	94	82	96	85	98
Henderson	90	92	82	98	92	102	91	84	82	Coles.....	77	100	75	97	100	75	100	65	100	Fayette...	100	100	30	100	105	45	50	64	96
Henry.....	97	103	98	92	102	91	84	82	102	Cumberland	103	98	80	97	102	75	106	77	103	Franklin...	100	87	100	90	90	90	75	105	105
Irroquois..	97	102	88	93	96	97	91	86	115	DeWitt....	103	98	80	97	102	75	106	77	103	Gallatin...	100	100	70	100	87	50	96	70	93
JoDavies...	90	97	100	103	95	92	100	91	100	Douglas...	95	100	75	80	97	80	95	62	101	Hamilton..	100	100	70	100	87	50	96	70	93
Kane.....	81	99	95	96	96	99	97	93	91	Ford.....	100	75	80	87	100	90	100	70	100	Hardin....	100	100	93	100	87	50	96	70	100
Kankakee..	97	105	85	93	95	100	102	95	110	Fulton....	98	92	87	100	90	100	100	70	100	Jackson...	88	105	60	95	72	63	66	70	100
Kendall....	103	99	84	93	93	103	95	101	83	Greene....	72	95	90	95	103	92	100	93	104	Jasper....	77	115	65	85	93	54	48	65	96
Knox.....	100	96	91	94	100	92	100	82	104	Hancock...	97	103	85	100	106	100	103	96	100	Jefferson...	90	99	100	90	100	67	82	78	88
Lake.....	97	102	92	96	100	87	100	88	107	Jersey....	100	100	100	100	100	100	100	100	100	Johnson...	75	100	100	100	100	67	82	78	88
LaSalle....	100	99	84	87	102	80	110	93	96	Logan.....	100	100	100	102	97	100	100	83	102	Lawrence..	75	100	100	100	100	87	80	95	90
Lee.....	100	102	100	96	101	99	101	77	108	Macon.....	100	100	90	100	103	90	75	96	100	Madison...	50	102	30	90	100	87	90	85	95
Livingston	70	82	90	92	94	88	95	83	95	Macon.....	100	100	90	100	103	90	75	96	100	Marion....	65	50	75	80	110	50	70	87	108
Marshall...	100	95	100	95	100	100	100	100	100	Macopin...	95	107	85	97	90	90	75	96	100	Massac....	90	110	90	90	93	105	93	100	100
McHenry...	95	107	100	84	106	97	100	78	103	Mason.....	100	95	90	100	97	83	100	100	100	Monroe...	90	112	90	90	72	87	88	80	99
Mercer.....	91	100	103	97	107	85	104	95	106	McDonough	100	95	90	95	100	100	100	100	100	Perry.....	77	100	80	90	90	42	70	100	100
Ogle.....	93	85	83	93	100	86	94	91	103	McLean....	83	97	90	95	100	100	100	100	100	Pope.....	91	103	100	100	100	100	100	100	100
Peoria.....	101	107	96	91	102	93	100	86	94	Menard....	100	120	92	100	100	92	100	86	111	Pulaski...	91	103	100	100	100	100	90	85	103
Punam.....	91	90	92	86	95	83	97	75	105	Montgomery	73	100	77	100	100	58	89	82	95	Randolph	100	103	95	95	97	80	77	74	101
Rock Island	91	100	93	90	101	88	97	49	105	Morgan....	95	101	90	96	102	90	100	92	105	Richland	75	100	100	100	100	100	100	100	100
Stark.....	91	100	93	90	101	88	97	49	105	Moultrie...	100	83	82	100	100	75	97	83	102	Saline....	100	100	100	100	100	100	100	100	100
Stephenson	81	86	90	99	100	86	91	88	104	Piatt.....	105	90	82	100	100	98	100	98	100	St. Clair...	100	97	100	100	100	100	70	97	95
Warren....	102	102	94	98	103	90	104	106	106	Pike.....	100	103	91	100	100	98	100	98	100	Union.....	82	97	100	100	100	100	70	97	95
Whiteside..	100	83	90	95	104	95	102	85	105	Schuyler...	100	105	100	102	102	98	100	100	102	Wabash...	90	100	76	95	60	77	91	85	100
Will.....	75	100	99	99	122	98	100	102	107	Scott.....	100	105	95	100	100	75	95	82	90	Washington	82	100	76	95	60	77	91	85	100
Winnebago.	72	97	79	102	97	87	100	98	109	Shelby....	100	105	95	100	100	75	95	82	90	Wayne....	85	100	47	65	50	106	46	101	101
Woodford..	90	98	92	97	97	97	78	100	88	Tazewell...	98	102	70	104	107	50	96	96	97	White....	85	100	82	60	85	95	75	110	110
Average	92	97	89	95	102	91	96	91	104	Vermilion..	96	105	92	100	100	100	100	82	104	Williamson	85	100	90	95	109	75	82	98	98
										Average	93	100	84	99	102	83	95	88	101	Average	85	99	78	92	92	71	85	75	99

*Estimated.

ACREAGE AND CONDITION OF OATS MAY 1.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.										COUNTIES.										COUNTIES.									
Average condition May 1.										Average condition May 1.										Average condition May 1.									
Ac. 1890 com- pared with 89.										Ac. 1890 com- pared with 89.										Ac. 1890 com- pared with 89.									
1890	1889	1888	1887	1886	1885	1884	1883			1890	1889	1888	1887	1886	1885	1884	1883			1890	1889	1888	1887	1886	1885	1884	1883		
Boone	102	87	103	94	102	87	95	Adams	101	85	98	93	97	98	99	89	96	Alexander ..	90	85	90	92	97	90	100	83	96		
Bureau	102	97	101	91	86	90	92	Brown	100	87	83	80	82	84	87	89	89	Bond	95	89	84	92	92	90	89	84	90		
Carroll	97	97	107	88	97	100	100	Calhoun	100	100	92	80	82	84	100	95	95	Clay	85	90	91	84	100	83	100	97	85		
Cook	102	97	104	102	99	103	100	Cass	110	100	83	79	96	98	97	99	98	Clinton	93	73	73	96	95	86	100	90	100		
DeKalb	100	95	98	102	105	93	100	Champaign ..	110	100	83	79	96	98	97	99	98	Crawford	79	90	73	96	95	100	95	102	87		
DuPage	100	103	105	100	120	83	97	Christian	110	100	83	79	96	98	97	99	98	Edwards	80	78	85	86	100	100	95	102	87		
Grundy	100	103	105	100	120	83	97	Clark	110	100	83	79	96	98	97	99	98	Edgingham ..	81	78	85	86	100	97	102	98	98		
Henderson	100	103	105	100	120	83	97	Coles	110	100	83	79	96	98	97	99	98	Fayette	75	75	85	86	100	97	102	98	98		
Henry	100	92	103	92	67	86	100	Cumberland ..	102	97	84	83	92	107	97	94	96	Franklin	85	78	85	86	100	97	102	98	98		
Jefferson	100	91	106	91	90	104	81	DeWitt	100	97	94	80	110	101	102	105	103	Gallatin	87	89	76	72	94	97	100	105	90		
Jordan	100	91	105	97	97	85	100	Douglas	100	95	102	91	87	103	93	96	94	Hamilton	81	89	76	72	94	97	100	105	90		
Kane	100	87	93	94	96	91	96	Edgar	100	95	102	91	87	103	93	96	94	Harrison	82	82	82	82	97	90	100	105	90		
Kankakee	99	93	105	89	97	100	92	Ford	100	95	102	91	87	103	93	96	94	Hickson	82	82	82	82	97	90	100	105	90		
Kendall	105	80	100	87	82	99	92	Fulton	110	95	91	92	98	102	100	96	100	Jasper	73	73	73	84	100	88	100	100	100		
Knox	103	97	102	93	92	104	95	Greene	100	95	102	91	87	103	93	96	94	Jefferson	87	80	88	90	91	100	78	100	92		
Lake	103	90	109	95	90	100	100	Hancock	87	98	103	93	97	97	110	98	100	Johnson	87	80	88	90	91	100	78	100	92		
LaSalle	103	94	97	86	85	91	96	Hart	100	95	102	91	87	103	93	96	94	Lawrence	79	76	90	83	94	103	93	100	94		
Lee	103	97	104	99	92	99	93	Jersey	105	83	73	76	83	73	103	93	93	Madison	89	86	98	70	100	70	102	97	96		
Livingston	100	96	90	100	100	99	98	Logan	90	85	92	92	95	102	101	96	97	Marion	52	90	83	84	104	90	105	90	100		
Marshall	101	92	103	100	87	88	100	Macoupin	118	91	92	74	88	75	89	81	102	Massac	91	88	75	82	105	107	88	99	95		
McHenry	100	98	103	100	100	100	100	Mason	106	96	102	82	93	87	90	96	100	Monroe	100	90	90	90	100	95	101	100	95		
McLean	105	75	108	98	75	102	74	McDonough ..	102	88	105	90	93	100	95	93	110	Perry	85	82	84	83	100	95	101	100	95		
Menard	98	92	105	93	98	100	83	McLean	94	93	96	93	97	95	95	100	100	Pope	80	87	75	75	97	100	79	97	109		
Merriam	96	97	107	83	102	81	92	Menard	93	95	97	85	95	102	97	100	100	Pulaski	105	97	95	95	92	83	95	87	100		
Monroe	100	102	102	92	81	98	100	Montgomery ..	107	92	97	82	105	87	90	83	99	Randolph ..	86	84	96	70	97	97	102	89	85		
Peoria	99	91	100	87	86	100	94	Moreau	103	94	97	82	99	88	100	91	95	Richland ..	77	77	86	81	97	93	91	97	85		
Rock Island ..	99	91	100	87	86	100	94	Morgan	100	98	73	75	85	100	100	87	100	Saline	65	68	60	77	80	86	100	97	94		
Rock	94	98	102	94	91	100	95	Moultrie	100	100	83	73	85	100	100	87	100	St. Clair	63	68	60	77	80	86	100	97	100		
Stark	90	92	101	93	93	91	91	Platt	110	98	93	94	97	97	97	100	98	Union	105	93	89	87	90	95	80	97	100		
Stephenson	99	97	103	104	94	105	99	Pike	107	98	100	92	93	94	97	102	97	Wabash	73	77	74	74	90	96	87	95	70		
Whiteside	112	100	100	93	82	95	100	Sangamon	100	92	93	87	86	102	90	97	94	Washington	77	71	86	80	93	100	100	60	95		
Will	100	71	110	100	91	114	87	Schuyler	97	85	107	87	86	102	90	97	91	Wayne	68	68	88	87	94	98	100	90	101		
Winnebago	98	85	101	96	97	90	100	Scott	102	97	82	80	87	98	97	100	92	White	61	78	95	95	92	94	99	90	101		
Woodford	100	98	106	83	95	97	98	Sherburne	100	96	82	87	97	90	100	97	105	Williamson	72	60	84	84	94	95	87	100	92		
Woodworth	100	93	102	91	91	100	90	Tazewell	99	101	90	90	90	100	97	105	105	Average...	82	84	96	96	91	93	96	91	91		
Average	100	93	102	91	91	100	90	Vermilion	100	101	90	90	90	100	97	105	105	Average...	82	84	96	96	91	93	96	91	91		

CROP REPORT.

19

WAGES PAID TO FARM HANDS, SEASON 1890.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
COUNTIES.				COUNTIES.				COUNTIES.			
Per day with board.	Per month out board.	Per month with board.	Without board	Per day with board.	Per month out board.	Per month with board.	Without board	Per day with board.	Per month out board.	Per month with board.	Without board
%	%	%	%	%	%	%	%	%	%	%	%
Boone.....	0 90	1 20	\$19 00	Adams.....	0 85	1 05	\$16 75	Alexander.....	0 50	1 00	\$22 50
Bureau.....	1 00	1 30	20 00	Brown.....	90	1 10	19 65	Bond.....	75	1 00	13 00
Carroll.....	95	1 20	18 25	Calhoun.....	75	1 00	15 00	Clay.....	70	1 00	14 25
Cook.....	90	1 20	17 65	Cass.....	85	1 10	17 35	Clinton.....	70	1 00	14 75
DeKalb.....	1 10	1 35	19 35	Champaign.....	*85	*1 20	17 30	Crawford.....	70	1 00	14 65
DuPage.....	85	1 00	18 15	Christian.....	75	1 06	17 30	Edwards.....	75	1 00	16 35
Grundy.....	1 00	1 25	19 00	Clark.....	*80	*1 05	14 85	Effingham.....	75	1 00	14 45
Henderson.....	90	1 15	18 75	Coles.....	85	1 10	16 00	Fayette.....	60	75	13 50
Henry.....	1 00	1 35	20 00	Camberland.....	75	1 00	13 35	Franklin.....	50	75	13 35
Irequois.....	90	1 20	18 80	De Witt.....	1 00	1 35	17 65	Gallatin.....	55	75	14 50
Jo Daviess.....	1 00	1 25	20 00	Douglas.....	75	1 00	16 50	Hamilton.....	55	75	13 75
Kane.....	1 05	1 40	17 35	Edgar.....	75	1 00	16 50	Hardin.....	50	70	13 35
Kankakee.....	90	1 15	18 65	Ford.....	95	1 35	18 00	Jackson.....	75	1 00	13 00
Kendall.....	1 00	1 30	20 00	Fulton.....	90	1 20	18 80	Jasper.....	85	1 10	13 65
Knox.....	1 00	1 25	20 25	Greene.....	75	1 00	17 50	Jefferson.....	60	85	14 35
Lake.....	1 00	1 25	18 35	Hancock.....	80	1 10	17 80	Johnson.....	50	75	14 35
Lasalle.....	95	1 30	19 00	Hercy.....	70	1 00	17 00	Lawrence.....	70	90	15 30
Lee.....	1 00	1 25	20 00	Logan.....	95	1 30	18 65	Madison.....	85	1 15	16 30
Liaugston.....	85	1 20	18 35	Macon.....	90	1 20	17 75	Marion.....	75	1 00	15 00
Marshall.....	95	1 20	20 00	Macoupin.....	75	1 00	17 55	Massac.....	70	70	12 50
McHenry.....	1 00	1 25	19 00	Mason.....	85	1 10	18 15	Monroe.....	50	1 10	13 50
McJer.....	1 00	1 30	20 50	McDonough.....	85	1 10	18 15	Perry.....	50	75	13 15
Ogle.....	1 05	1 30	20 50	McLean.....	95	1 30	20 50	Pope.....	50	75	13 15
Peoria.....	95	1 25	19 60	Menard.....	95	1 25	19 60	Randolph.....	65	95	14 80
Putnam.....	1 00	1 25	19 40	Montgomery.....	70	1 00	15 00	Richland.....	70	95	12 65
Rock Island.....	1 00	1 25	19 85	Morgan.....	75	1 15	18 00	Saline.....	55	75	13 30
Stark.....	1 05	1 40	20 50	Moultrie.....	75	1 10	17 00	St. Clair.....	75	1 25	16 45
Stephenson.....	1 00	1 25	18 10	Platt.....	80	1 25	17 00	Union.....	65	85	14 35
Warren.....	95	1 30	19 05	Pike.....	80	1 00	17 65	Wabash.....	70	95	15 45
Whiteside.....	85	1 10	18 00	Shannon.....	85	1 10	18 00	Washington.....	70	85	14 05
Will.....	1 00	1 50	18 00	Schuyler.....	85	1 10	17 65	Wayne.....	60	90	13 05
Winnebago.....	1 00	1 35	19 35	Scott.....	1 00	1 25	19 35	White.....	65	80	15 00
Woodford.....	95	1 25	18 25	Seely.....	1 00	1 10	16 25	Williamson.....	55	70	14 25
Worcester.....	95	1 25	18 25	Tazewell.....	1 00	1 35	18 00	Average.....	65	80	14 05
Average.....	95	1 25	\$19 10	Vermilion.....	1 00	1 05	17 15	Average.....	65	80	\$19 85
	%	%	%		%	%	%		%	%	%
	0 95	1 25	\$19 10	Average.....	85	1 10	\$17 25		65	80	\$19 85
	%	%	%		%	%	%		%	%	%

* Estimated

LIVE STOCK.

Number and Condition.

COUNTIES.	CATTLE.		DAIRY COWS.		HORSES.		MULES.		HOGS.		SHEEP.	
	No. on hand May 1, 1890, compared with May 1, 1889.	Condition May 1, 1890.	No. on hand May 1, 1890, compared with May 1, 1889.	Condition May 1, 1890.	No. on hand May 1, 1890, compared with May 1, 1889.	Condition May 1, 1890.	No. on hand May 1, 1890, compared with May 1, 1889.	Condition May 1, 1890.	No. on hand May 1, 1890, compared with May 1, 1889.	Condition May 1, 1890.	No. on hand May 1, 1890, compared with May 1, 1889.	Condition May 1, 1890.
	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.
Adams.....	87	93	90	92	100	99	81	94	87	90	95	100
Alexander.....	110	100	100	100	102	100	102	100	105	100	33	100
Bond.....	101	86	104	94	100	94	97	95	109	99	103	97
Boone.....	96	99	104	98	100	101	100	100	101	100	90	101
Brown.....	82	95	83	103	100	97	82	97	85	102	87	95
Bureau.....	90	98	98	98	94	100	75	100	92	99	104	99
Calhoun.....	100	90	.....	.....	100	85	100	90	110	95	100	90
Carroll.....	97	102	98	104	100	99	100	100	84	102	105	103
Cass.....	100	100	.....	100	100	100	95	100	105	100	110	95
Champaign.....	90	75	80	75	100	90	.....	.....	100	100	.....	.....
Christian.....	87	99	85	92	107	94	90	96	80	97	80	99
Clark.....	75	100	80	100	100	100	75	100	60	100	60	100
Clay.....	96	100	100	100	102	104	92	100	102	105	83	100
Clinton.....	95	95	100	96	98	99	97	97	116	97	97	97
Coles.....	100	100	95	100	105	100	92	100	107	100	105	100
Cook.....	98	102	103	102	103	100	100	100	102	100	100	100
Crawford.....	89	100	85	100	100	99	78	96	93	102	79	105
Cumberland.....	90	100	95	100	103	100	100	100	108	102	95	100
DeKalb.....	100	100	95	100	102	100	100	100	98	100	90	100
DeWitt.....	88	100	92	100	107	100	97	100	105	100	100	100
Douglas.....	92	92	85	95	103	97	97	97	103	98	98	102
DuPage.....	90	100	104	101	98	100	100	100	92	101	96	100
Edgar.....	90	100	90	100	100	95	82	90	92	100	100	95
Edwards.....	92	105	110	107	108	112	97	110	108	105	102	107
Efingham.....	100	98	98	98	104	101	100	98	101	102	83	98
Fayette.....	100	105	100	105	102	97	92	100	115	107	105	100
Ford.....	77	98	100	100	102	102	100	100	88	95	100	100
Franklin.....	102	102	100	102	106	107	93	103	102	110	93	105
Fulton.....	101	102	92	97	99	99	100	100	99	95	100	100
Gallatin.....	95	87	100	75	100	95	100	97	75	80	25	80
Greene.....	97	105	100	110	100	102	100	102	92	97	100	105
Grundy.....	100	100	100	100	100	100	.....	.....	100	100	.....	.....
Hamilton.....	97	90	100	88	104	95	87	97	104	106	85	97
Hancock.....	96	100	99	100	98	100	97	100	93	101	93	100
Hardin.....	106	87	95	100	104	100	99	100	80	95	70	94
Henderson.....	95	100	99	100	97	101	95	100	89	92	101	100
Henry.....	100	101	100	100	104	102	100	100	102	100	103	103
Iroquois.....	96	102	96	102	106	103	99	100	102	99	99	100
Jackson.....	92	97	100	100	90	102	95	100	100	105	82	100
Jasper.....	97	102	92	100	90	98	75	100	93	100	93	102
Jefferson.....	98	105	103	105	102	105	93	105	110	100	88	102
Jersey.....	90	100	100	100	100	100	95	100	95	95	70	100
JoDavies.....	100	90	100	95	100	100	100	100	100	100	100	100
Johnson.....	103	93	100	85	98	100	93	103	92	100	90	97
Kane.....	97	101	101	100	101	101	98	102	99	101	92	100
Kankakee.....	97	95	97	97	102	98	100	100	97	101	100	102
Kendall.....	96	95	102	97	99	100	97	100	96	95	90	100
Knox.....	99	98	95	101	100	97	98	100	93	97	94	94
LaKe.....	91	98	102	98	100	98	100	100	97	100	100	102
LaSalle.....	97	102	96	102	93	101	100	102	95	100	102	100
Lawrence.....	95	101	96	101	101	102	95	100	89	100	96	101
Lee.....	97	100	120	100	98	100	96	100	93	100	97	100

LIVE STOCK—Continued.

Number and Condition.

COUNTIES.

	CATTLE.		DAIRY COWS.		HORSES.		MULES.		HOGS.		SHEEP.	
	No. on hand May 1, 1890, compared with May 1, 1889.	Condition May 1, 1890.	No. on hand May 1, 1890, compared with May 1, 1889.	Condition May 1, 1890.	No. on hand May 1, 1890, compared with May 1, 1889.	Condition May 1, 1890.	No. on hand May 1, 1890, compared with May 1, 1889.	Condition May 1, 1890.	No. on hand May 1, 1890, compared with May 1, 1889.	Condition May 1, 1889.	No. on hand May 1, 1890, compared with May 1, 1889.	Condition May 1, 1890.
	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.
Livingston.....	91	102	97	102	101	99	97	97	84	99	92	100
Logan.....	82	100	70	97	100	95	75	100	70	100	100	100
Macon.....	92	94	95	94	101	99	100	99	90	100	104	100
Macoupin.....	93	97	90	95	96	98	91	99	96	100	94	99
Madison.....	99	99	98	103	103	101	97	100	109	100	99	100
Marion.....	85	100	97	102	93	101	80	100	107	103	87	103
Marshall.....	90	92	93	94	104	97	95	97	87	97	98	98
Mason.....	89	92	90	89	102	99	98	99	78	97	101	98
Massac.....	25	50	25	50	25	50	10	25	20	25	10	10
McDonough.....	97	100	98	102	105	103	103	100	93	100	90	100
McHenry.....	99	100	102	101	101	102	100	102	99	103	96	102
McLean.....	87	99	95	99	100	97	91	97	95	101	86	97
Menard.....	93	103	98	100	102	100	97	100	97	100	107	102
Mercer.....	85	95	95	95	100	100	95	100	77	100	90	100
Monroe.....	102	105	105	16	97	175	100	105	95	95	100	90
Montgomery.....	95	104	94	105	101	105	99	100	112	100	104	100
Morgan.....	85	96	100	100	103	100	98	98	101	101	107	100
Moultrie.....	95	100	100	100	100	100	97	100	90	100	100	100
Ogle.....	96	94	100	95	100	97	100	100	89	97	100	98
Peoria.....	91	97	100	100	99	100	97	100	90	106	102	101
Perry.....	102	102	100	102	101	102	94	100	102	105	97	105
Piatt.....	97	100	93	100	100	93	98	100	100	100	105	100
Pike.....	88	100	87	102	103	100	98	100	100	97	93	103
Pope.....	105	100	97	93	105	100	97	100	86	102	86	100
Pulaski.....	95	90	102	95	103	100	101	100	100	100	102	100
Putnam.....	97	102	102	102	102	100	101	100	100	103	106	101
Randolph.....	104	100	104	100	100	102	98	100	100	100	97	100
Richland.....	93	93	95	95	103	100	92	100	93	98	103	100
Rock Island.....	98	97	101	98	98	102	85	100	91	102	83	102
Saline.....	101	96	97	97	101	99	97	101	99	93	97	101
Sangamon.....	87	95	100	93	100	95	97	97	95	100	97	100
Schuyler.....	92	97	105	95	100	100	100	100	87	100	93	98
Scott.....	80	100	100	100	105	102	87	100	92	105	95	100
Shelby.....	99	100	99	101	102	102	95	100	98	100	100	99
Stark.....	99	102	100	102	99	100	102	103	102	102	105	100
St. Clair.....	95	100	99	100	102	102	100	102	109	103	95	100
Stephenson.....	95	102	104	102	100	100	100	100	97	99	101	102
Tazewell.....	94	102	99	104	97	103	93	100	87	99	85	96
Union.....	73	96	99	99	107	100	100	97	84	101	77	100
Vermilion.....	91	109	85	115	108	104	76	100	100	107	109	100
Wabash.....	194	100	97	100	101	100	85	100	88	98	95	100
Warren.....	99	103	99	102	104	103	94	102	95	102	102	103
Washington.....	104	94	104	99	99	100	92	100	107	102	100	99
Wayne.....	94	102	100	102	99	100	99	101	107	102	96	102
White.....	98	93	98	94	100	100	98	98	97	102	96	95
Whiteside.....	90	82	105	92	87	100	95	100	85	95	110	100
Will.....	100	100	100	100	100	100	100	100	90	100	100	100
Williamson.....	94	100	93	100	99	100	91	100	99	95	89	100
Winnebago.....	87	92	97	102	102	100	100	92	100	100	82	100
Woodford.....	99	100	101	101	99	100	97	100	92	93	101	102

GRAIN PROSPECTS.

Acreage, Condition, Etc.

COUNTIES.	WINTER WHEAT.		WINTER RYE.		SPRING WHEAT.		OATS.		BARLEY.		MEADOWS.		PASTURES.	
	Acreage winter-killed, destroyed by floods or Hessian fly.	Condition May 1, 1890.	Acreage winter-killed, destroyed by floods or Hessian fly.	Condition May 1, 1890.	Acreage compared with 1889.	Condition May 1, 1890.	Acreage compared with 1889.	Condition May 1, 1890.	Acreage compared with 1889.	Condition May 1, 1890.	Acreage compared with 1889.	Condition May 1, 1890.	Acreage compared with 1889.	Condition May 1, 1890.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams.....	44	72	....	95	....	....	101	85	....	....	92	85	89	91
Alexander.....	1	80	1	80	....	....	90	90	....	....	100	95	95	93
Bond.....	50	76	....	....	....	....	95	89	....	....	100	97	100	80
Boone.....	15	97	15	94	89	85	102	87	96	87	102	92	100	95
Brown.....	39	57	....	....	....	....	100	87	....	....	95	102	100	107
Bureau.....	....	92	87	97	99	95	102	91	50	100	91	93	102	94
Calhoun.....	17	82	....	....	....	....	90	100	....	....	100	90	105	90
Carroll.....	50	97	....	104	82	88	97	97	....	....	106	95	101	95
Cass.....	17	100	....	....	....	....	100	100	....	....	100	125	100	105
Champaign.....	50	75	....	....	....	....	110	100	....	....	100	80	80	90
Christian.....	52	42	45	60	....	....	110	80	....	....	100	95	100	102
Clark.....	50	100	25	75	....	....	75	100	....	....	100	110	115	100
Clay.....	21	92	....	110	....	....	85	90	....	....	106	105	104	102
Clinton.....	41	67	12	84	....	....	93	73	....	....	100	97	102	95
Coles.....	90	42	25	77	....	....	99	87	....	....	100	87	97	87
Cook.....	....	....	50	73	105	100	102	100	100	100	100	100	100	100
Crawford.....	36	69	40	60	....	....	79	99	....	....	99	97	104	96
Cumberland.....	67	57	....	97	....	....	102	97	....	....	102	103	107	100
DeKalb.....	50	90	....	92	97	97	100	97	100	95	97	98	100	92
DeWitt.....	7	107	10	103	95	100	100	97	....	....	92	107	97	107
Douglas.....	43	68	10	95	....	....	93	95	....	....	95	88	97	90
DuPage.....	5	100	5	88	102	95	100	95	100	100	99	97	100	100
Edgar.....	75	52	10	100	....	....	105	65	....	....	95	85	100	90
Edwards.....	47	53	75	....	....	....	80	78	....	....	103	115	102	117
Effingham.....	31	82	27	102	....	....	81	90	....	....	110	110	105	106
Fayette.....	42	75	....	100	....	....	75	87	....	....	115	102	100	95
Ford.....	....	....	....	....	80	90	100	95	....	....	97	93	98	90
Franklin.....	37	98	....	100	....	....	85	78	....	....	103	110	100	103
Fulton.....	16	74	20	72	90	100	97	95	....	....	97	89	98	89
Gallatin.....	25	85	....	....	....	....	87	85	....	....	100	102	100	102
Greene.....	67	72	....	....	....	....	110	95	....	....	100	97	100	97
Grundy.....	....	....	....	100	....	....	100	100	....	....	100	110	100	110
Hamilton.....	37	89	45	100	....	....	81	89	....	....	107	114	102	100
Hancock.....	18	93	10	97	....	....	87	98	....	....	89	92	99	97
Hardin.....	33	77	....	....	....	....	92	91	....	....	101	91	97	92
Henderson.....	15	89	....	90	100	97	87	84	....	....	91	91	102	94
Henry.....	10	90	5	97	98	97	100	92	97	95	100	94	99	95
Iroquois.....	22	87	5	97	95	97	100	97	....	....	95	103	97	102
Jackson.....	5	67	....	....	....	....	82	82	....	....	90	85	82	90
Jasper.....	13	85	7	88	....	....	75	92	....	....	108	102	103	102
Jefferson.....	43	48	35	77	....	....	77	83	....	....	102	101	103	100
Jersey.....	50	62	....	....	....	....	105	85	....	....	100	90	97	90
JoDaviss.....	....	80	....	90	100	100	100	90	100	90	100	90	100	90
Johnson.....	28	83	7	90	....	....	87	80	....	....	97	105	80	108
Kane.....	17	85	10	81	67	85	100	87	110	97	104	92	102	95
Kankakee.....	35	85	17	97	70	92	99	93	....	....	100	98	100	97
Kendall.....	25	80	5	103	87	92	107	80	....	....	100	95	100	95
Knock.....	....	96	....	100	97	103	105	97	....	....	92	93	102	97
Lake.....	70	75	5	97	102	95	93	90	97	90	102	97	102	102
LaSalle.....	2	100	....	100	95	95	95	94	....	....	94	87	99	89
Lawrence.....	40	72	25	75	....	....	75	70	....	....	104	101	101	99
Lee.....	....	90	5	100	112	100	103	97	100	100	90	97	100	100

GRAIN PROSPECTS—Continued.

Acreage, Condition, Etc.

COUNTIES.	WINTER WHEAT		WINTER RYE.		SPRING WHEAT.		OATS.		BARLEY.		MEADOWS.		PASTURES.	
	Acreage winter-killed, destroyed by floods or Hessian fly.		Acreage winter-killed, destroyed by floods or Hessian fly.		Acreage compared with 1889.		Acreage compared with 1889.		Acreage compared with 1889.		Acreage compared with 1889.		Acreage compared with 1889.	
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
Livingston....	22	73	27	70	105	100	96	99	106	90	96	92	100	94
Logan.....	35	80					90	85			92	87	100	83
Macon.....	45	73		100			100	95			94	96	94	97
Macoupin....	66	51	10	95			118	91	75		93	90	100	90
Madison.....	37	76	60	50			89	86			99	96	102	98
Marion.....	30	75	45	65			52	90			100	103	98	110
Marshall....	15	95		100	72	87	103	92	102	95	93	98	93	95
Mason.....	19	87	17	99	90	90	96	96			99	96	102	94
Massac.....	10	75					10	20			96	75	90	75
McDonough...	10	88	5	100	100	100	102	88			93	95	98	93
McHenry.....	7	92	11	92	100	98	100	98	97	98	102	99	102	99
McLean.....	36	73	29	83			94	93			92	85	100	96
Menard.....	18	78		100			93	95			100	97	100	97
Mercer.....		77		95	100	80	105	75			105	70	100	82
Monroe.....	50	50	30	90			100	90	95	80	102	100	100	75
Montgomery...	87	80	52	79			107	92			99	101	102	100
Morgan.....	39	82		95			103	94			95	96	96	100
Moultrie....	15	72	10	100			100	100			97	90	100	92
Ogle.....	8	83	10	91	107	96	98	92	50	100	102	93	103	91
Peoria.....		95		93	72	72	96	97			91	99	106	96
Perry.....	18	90	15	90			85	82			103	110	100	105
Platt.....	13	80		105	95	100	110	98			92	98	97	97
Pike.....	32	62		100			107	98			97	100	95	100
Pope.....	50	69	20	77			80	87			111	114	109	114
Pulaski.....	1	98					105	97			100	102	100	100
Putnam.....		101		101	92	100	102	101			100	99	101	102
Randolph....	34	65	25	91			86	84			93	96	97	92
Richland....	30	92		100			77	77			103	102	102	97
Rock Island...			10	91	93	95	99	91	100	90	96	83	102	88
Saline.....	35	77	30	75			65	80			106	94	104	94
Sangamon....	52	76		100			100	92			92	96	97	96
Schuyler....	25	73	5	100			97	85			97	92	100	87
Scott.....	48	70		100			100	97			133	100	88	100
Shelby.....	46	76	24	98			102	96	85	65	104	98	101	100
Stark.....	10	90	10	91	100	100	94	98	100	100	100	100	101	98
St. Clair....	38	76		100			83	68			102	100	96	95
Stephenson...	7	76		81	94	96	99	92	92	93	100	86	100	92
Tazewell....	7	94		100			99	100			96	97	99	94
Union.....	27	88	20	82			105	93			101	113	102	112
Vermilion...	69	79	22	96	110	50	100	101			97	105	102	105
Wabash.....	19	75		90			75	77			97	92	103	92
Warren.....	5	101	4	102	95	102	99	97	115		92	96	100	96
Washington...	37	70	17	82			77	71			102	97	102	97
Wayne.....	27	79	40	85			56	68			107	105	103	105
White.....	36	80	2	75			61	78			103	101	95	101
Whiteside...	10	100	10	100	75	100	112	100	100	100	100	95	100	95
Will.....			10	75	100	100	100	75			100	100	100	100
Williamson...	40	61	40	85			72	60			104	106	100	105
Winnebago...	67	65	52	72			98	85	90	80	100	87	102	88
Woodford....	12	94	15	90	100	100	101	96	90	100	98	95	100	95

CORN ON HAND.

COUNTIES.	Bushels produced 1889.	per cent. 1889 crop in producers' hands May 1, 1890.	Bushels in Producers' Hands May 1,					
			1890.	1889.	1888.	1887.	1886.	1885.
Adams	3,653,695	27	724,598	865,137	303,615	224,262	1,016,523	452,519
Alexander	223,236	20	44,647	127,558	42,228	24,358	101,717	30,540
Bond	1,258,254	25	314,563	424,170	2,204	201,496	151,220	152,010
Boone	718,828	10	71,883	264,347	42,734	61,136	163,728	170,644
Brown	908,845	15	136,327	340,008	229,837	90,641	351,337	206,430
Bureau	5,333,265	60	3,199,959	3,001,286	745,929	1,764,661	1,282,333	936,264
Calhoun	641,700	45	288,765	346,518	83,487	44,182	210,642	131,200
Carroll	2,687,000	31	832,970	713,519	275,073	343,788	538,415	625,447
Cass	1,291,860	15	193,779	990,950	280,507	260,280	469,633	294,815
Champaign	8,111,250	40	3,244,500	3,041,633	757,510	1,947,924	2,405,792	1,480,072
Christian	4,312,544	17	733,182	1,470,876	316,839	368,772	1,016,013	495,783
Clark	1,150,25	50	575,062	365,406	19,587	318,520	307,443	174,720
Clay	1,318,536	35	461,488	284,071	11,922	122,470	84,039	27,514
Clinton	1,069,776	33	353,026	550,800	18,461	63,121	230,082	300,037
Coles	1,833,646	50	916,835	849,633	138,304	582,930	358,984	137,182
Cook	1,388,790	50	694,395	390,671	188,706	117,880	256,844	269,738
Crawford	1,400,360	42	588,151	343,543	63,051	196,729	268,523	186,521
Cumberland	1,170,800	46	538,568	386,925	13,133	281,172	181,667	155,864
DeKalb	3,939,797	20	787,959	1,310,874	385,594	642,234	966,004	913,190
DeWitt	2,468,280	55	1,357,554	834,970	307,152	362,683	493,361	478,878
Douglas	3,022,596	30	906,779	800,414	162,572	650,646	794,560	478,825
DuPage	1,037,856	25	259,464	166,774	55,594	81,943	269,141	226,968
Edgar	3,325,076	27	897,770	756,602	306,604	545,708	717,292	734,208
Edwards	728,880	40	291,552	185,530	1,670	31,054	39,077	.....
Effingham	1,182,502	39	449,476	663,132	7,460	213,389	335,712	169,540
Fayette	1,006,925	32	341,416	416,407	.....	131,357	279,564	71,518
Ford	5,702,667	48	2,737,280	1,439,085	407,051	1,031,996	584,819	572,410
Franklin	840,446	39	327,774	185,170	51,087	107,645	69,109	19,178
Fulton	4,202,422	26	1,092,630	2,633,520	244,651	470,881	941,280	780,463
Gallatin	737,352	45	331,808	278,555	46,073	453,168	262,905	136,800
Greene	2,320,240	27	626,465	1,514,876	265,770	691,656	780,505	536,319
Grundy	2,809,012	60	1,685,407	1,292,061	281,369	724,551	656,705	680,763
Hamilton	1,022,736	37	378,412	240,262	15,225	150,886	225,612	150,909
Hancock	2,735,831	21	574,524	718,174	225,945	340,347	534,397	797,704
Hardin	337,350	39	131,566	91,905	58,062	.....	48,233	35,598
Henderson	2,131,545	31	660,779	1,144,140	310,868	433,835	525,997	475,479
Henry	5,242,265	38	1,992,061	2,308,396	279,434	367,409	749,023	1,227,761
Iroquois	5,943,730	30	1,783,119	1,967,078	939,698	1,424,899	1,136,850	2,262,902
Jackson	694,575	37	256,993	104,186	47,400	109,514	.....	105,602
Jasper	978,950	30	293,685	453,185	10,737	157,556	186,183	59,764
Jefferson	1,713,686	30	514,106	126,278	93,356	20,637	268,434	35,992
Jersey	1,468,640	30	440,592	574,949	119,313	215,113	309,650	275,384
Jo Daviess	1,836,672	.....	.....	452,987	121,469	69,011	339,772	247,253
Johnson	229,516	23	52,789	130,365	13,325	85,054	120,342	133,518
Kane	1,724,044	32	551,694	476,394	182,056	329,414	274,834	460,171
Kankakee	2,909,920	42	1,222,166	1,349,866	340,733	870,346	891,110	664,277
Kendall	2,106,180	39	821,410	639,814	181,759	480,571	458,346	517,359
Knox	3,838,170	37	1,420,123	1,822,100	315,652	467,721	656,831	774,620
Lake	1,232,160	12	147,859	142,895	12,272	142,691	210,711	123,816
LaSalle	8,401,848	51	4,284,942	3,850,591	988,262	1,639,643	1,679,115	1,495,579
Lawrence	1,310,700	52	681,564	259,254	99,766	276,396	141,475	180,979
Lee	3,068,234	40	1,227,294	2,234,729	808,825	762,058	339,780	1,219,270

CORN ON HAND—Continued.

COUNTIES.	Bushels produced 1889.	Per cent. 1889 crop in producers' hands May 1, 1890.	Bushels in Producers' Hands May 1,					
			1890.	1889.	1888.	1887.	1886.	1885.
Livingston.....	9,327,520	57	5,316,686	2,062,908	1,006,030	1,560,180	1,965,933	1,344,131
Logan.....	4,101,570	47	1,927,738	1,343,662	426,740	1,409,118	1,762,435	1,094,695
Macon.....	4,028,640	32	1,289,229	1,559,272	722,492	838,266	1,289,132	990,924
Macoupin.....	2,587,648	28	724,541	1,276,316	326,128	356,492	1,053,552	831,976
Madison.....	4,528,744	44	1,992,647	1,623,513	296,341	395,744	1,103,853	663,558
Marion.....	1,144,179	40	457,672	321,695	44,284	133,397	38,780	112,401
Marshall.....	2,629,405	45	1,183,232	1,276,324	716,520	546,278	648,720	768,000
Mason.....	2,899,785	28	811,940	548,689	109,354	334,955	.....	200,905
Massac.....	570,144	50	285,072	59,816	38,899	78,449	82,158	110,934
McDonough.....	1,582,080	20	316,416	655,942	42,010	108,825	.....	768,820
McHenry.....	2,561,967	19	486,774	605,596	9,183	291,368	550,983	661,588
McLean.....	10,398,944	38	3,951,599	3,008,138	1,169,825	1,878,707	2,234,522	2,409,904
Menard.....	3,385,360	25	846,340	1,388,467	194,166	448,832	572,096	206,349
Mercer.....	2,788,952	25	697,238	1,150,981	209,249	317,586	562,564	523,254
Monroe.....	716,640	60	429,584	374,800	17,513	84,357	191,051	90,490
Montgomery.....	2,685,906	19	510,322	687,133	113,495	479,376	1,007,432	371,567
Morgan.....	4,192,980	30	1,257,894	1,209,385	326,773	734,223	1,190,815	871,481
Moultrie.....	1,859,795	40	743,918	762,295	109,724	282,933	469,397	254,671
Ogle.....	4,171,018	42	1,751,827	1,926,688	833,631	615,180	1,139,924	1,426,836
Peoria.....	2,737,360	35	958,076	1,303,861	138,486	454,626	748,384	475,058
Perry.....	199,976	30	59,993	30,244	2,787	3,767	75,970	29,312
Piatt.....	2,324,070	50	1,162,035	1,742,237	244,450	973,783	724,185	309,601
Pike.....	2,712,022	41	1,111,929	910,018	374,187	636,361	751,986	650,070
Pope.....	717,896	27	179,474	90,682	37,784	167,096	119,322	184,621
Pulaski.....	426,552	20	85,310	199,750	38,417	99,719	131,610	52,285
Putnam.....	1,002,963	52	521,541	478,572	70,577	315,527	354,169	392,978
Randolph.....	933,380	27	252,013	298,278	.....	21,584	72,883	114,781
Richland.....	1,044,672	20	208,934	82,251	13,026	39,600	35,911	68,808
Rock Island.....	2,173,206	42	912,746	1,068,091	239,879	157,194	364,897	437,110
Saline.....	1,219,680	32	390,298	227,905	27,647	59,132	128,296	77,785
Sangamon.....	5,058,180	30	151,745	1,881,246	319,176	480,069	1,511,442	1,197,240
Schuyler.....	1,474,970	24	353,993	1,089,371	124,269	339,969	106,235	214,304
Scott.....	548,730	27	148,157	315,108	75,947	127,138	304,613	179,970
Shelby.....	2,278,438	33	751,584	906,946	107,818	533,750	741,899	279,638
Stark.....	2,453,686	42	1,030,548	1,187,176	190,834	566,853	485,200	459,153
St. Clair.....	2,424,198	33	799,985	727,056	.....	89,822	676,315	448,043
Stephenson.....	2,102,700	32	672,864	838,990	186,633	331,918	626,816	925,543
Tazewell.....	3,580,848	36	1,289,105	1,824,607	819,109	963,808	755,418	736,475
Union.....	486,672	28	136,268	218,841	31,491	227,666	186,512	102,960
Vermillion.....	4,810,048	22	1,058,210	1,368,673	519,051	1,023,554	1,408,993	961,637
Wabash.....	741,160	28	207,525	159,360	45,013	59,520	96,093	94,660
Warren.....	3,874,520	29	1,123,611	1,644,310	335,021	407,841	1,316,336	988,590
Washington.....	1,196,576	32	382,904	403,844	34,578	19,390	267,582	48,637
Wayne.....	1,070,850	37	396,214	247,905	12,262	80,011	120,987	28,257
White.....	1,846,008	27	498,422	187,003	38,544	128,007	331,733	104,659
Whiteside.....	2,765,610	40	1,106,244	1,855,735	258,042	545,005	797,766	710,368
Will.....	2,845,825	50	1,422,912	346,322	325,470	897,026	700,368	1,292,166
Williamson.....	454,935	42	191,073	245,912	9,708	129,069	137,400	61,854
Winnebago.....	1,749,275	38	664,724	947,532	348,201	257,124	489,363	534,616
Woodford.....	4,780,793	52	2,486,012	1,512,582	673,036	686,919	729,344	948,761
Total or average.	247,980,589	36	89,137,466	92,584,238	23,573,279	44,247,096	57,107,027	50,102,262

WHEAT ON HAND.

COUNTIES.	Bushels produced 1889.	Per cent 1889 crop in producers' hands May 1, 1890.	Bushels in Producers' Hands, May 1.					
			1890.	1889.	1888.	1887.	1886.	1885.
Adams	1,024,920	21	215,233	321,412	475,709	277,991	25,779	300,840
Alexander	200,454	5	14,032	27,326	5,298	11,589	2,528	23,787
Bond	297,585	17	50,589	11,110	27,737	44,831	2,414	48,891
Boone	44,747	10	4,475	2,758	1,466	307	4,570	3,411
Brown	424,011	8	33,921	77,242	227,942	48,270	26,154	96,462
Bureau	157,752	...	...	49,984	19,577	17,327	13,627	15,447
Calhoun	322,440	10	32,244	32,244	...	47,505	7,811	51,657
Carroll	104,395	33	34,450	...	5,409	4,096	13,347	32,209
Cass	609,913	...	...	26,844	55,324	71,471	18,439	57,877
Champaign	351,584	15	52,738	58,640	33,795	33,442	33,656	...
Christian	774,547	7	54,218	142,117	91,755	43,078	6,002	64,961
Clark	185,828	10	18,533	16,364	49,154	42,025	10,411	38,603
Clay	39,510	20	7,902	...	1,657	16,759	9,460	17,237
Clinton	817,700	15	122,655	13,219	94,881	29,645	607	54,834
Coles	224,130	22	49,309	2,330	29,916	44,735	1,380	31,579
Cook	60,902	...	...	...	...	...	1,395	...
Crawford	387,765	15	58,165	25,134	42,398	70,998	22,355	48,270
Cumberland	142,149	22	31,273	10,907	28,867	41,228	...	89,077
DeKalb	153,924	20	30,785	...	21,697	1,192	5,501	3,402
DeWitt	150,165	37	55,561	10,058	68,350	2,662	3,365	25,510
Douglas	154,193	8	12,335	6,696	43,534	16,169	3,163	39,294
DuPage	41,063	...	...	...	...	...	2,040	1,101
Edgar	339,151	15	50,873	44,343	119,139	83,982	3,020	83,288
Edwards	208,942	25	52,235	3,809	6,977	13,430	5,978	99,132
Effingham	135,972	10	13,597	...	46,740	26,317	9,767	65,812
Fayette	290,444	20	58,089	6,224	59,760	25,730	56,073	45,354
Ford	10,035	...	...	...	...	14,497	...	...
Franklin	47,943	22	10,547	...	15,449	27,103	3,569	7,785
Fulton	1,220,430	22	268,495	192,511	299,163	242,190	59,858	165,875
Gallatin	315,423	15	47,313	24,186	15,388	57,020	45,490	86,100
Greene	1,074,567	22	236,405	179,560	231,653	10,420	5,110	155,083
Grundy	27,002	...	...	...	...	79	...	886
Hamilton	20,271	40	8,108	1,879	4,693	21,919	6,848	34,671
Hancock	737,865	18	132,816	148,491	120,925	56,448	22,412	94,810
Hardin	86,562	19	16,447	11,161	19,675	10,929	4,639	3,969
Henderson	139,343	40	55,737	34,852	34,699	41,640	10,402	15,136
Henry	50,770	...	...	4,636	28,787	2,746	8,945	...
Iroquois	31,427	25	7,857	4,277	9,090	10,659	12,044	12,573
Jackson	707,547	8	56,604	44,660	59,639	137,126	...	142,218
Jasper	86,178	13	11,203	17,841	19,142	11,603	1,361	15,251
Jefferson	86,878	10	8,688	510	4,118	7,569	20,029	51,570
Jersey	613,200	12	73,584	28,678	97,064	6,086	3,420	136,357
Jo Daviess	63,144	...	...	24,134	...	3,522	11,489	24,592
Johnson	82,728	15	12,409	22,466	10,180	23,602	2,435	47,117
Kane	24,324	10	2,432	2,019	1,479	927	1,566	3,172
Kankakee	38,964	15	5,845	6,721	4,629	5,943	1,570	8,799
Kendall	38,616	...	...	3,841	...	1,089	501	...
Knox	152,637	22	33,580	17,739	29,666	11,360	5,943	...
Lake	116,579	10	11,658	10,764	18,541	1,416	10,103	12,055
LaSalle	217,776	27	58,799	22,203	14,684	12,521	18,399	17,280
Lawrence	556,587	34	189,239	33,562	7,725	75,075	16,945	56,599
Lee	118,336	1	1,183	15,208	...	701	4,921	38,190

WHEAT ON HAND—Continued.

COTNTIES.	Bushels produced 1889.	Per cent 1889 crop in producers' hands May 1, 1890.	Bushels in Producers' Hands, May 1.					
			1890.	1889.	1888.	1887.	1886.	1885.
Livingston.....	120,369	22	26,468	10,950	7,378	3,706	1,105	2,329
Logan.....	929,695	10	92,969	165,528	147,399	107,097	29,984	64,756
Macon.....	29,190	10	2,919	34,081	184,143	27,009	2,519	81,472
Macoupin.....	1,053,115	11	116,063	106,042	194,809	96,955	2,173	283,932
Madison.....	2,066,227	13	268,609	115,909	110,254	16,828	5,008	282,540
Marion.....	39,718	12	4,766	7,840	20,861	34,574	13,830	70,138
Marshall.....	34,960	10	3,496	4,503	20,267	5,692	.....	.....
Mason.....	1,990,062	18	358,211	226,984	105,608	84,423	8,541	27,914
Massac.....	231,504	10	23,150	31,765	43,168	42,889	20,191	72,968
McDonough.....	123,093	15	18,464	22,514	12,100	9,116	8,396	58,154
McHenry.....	134,984	22	29,696	11,485	10,676	.....	.....	20,869
McLean.....	194,862	26	50,664	41,313	15,888	16,459	8,738	23,777
Menard.....	465,360	12	55,843	38,577	48,134	109,872	32,521	117,536
Mercer.....	51,828	37	19,176	5,646	2,165	3,007	3,195	777
Monroe.....	1,081,233	25	270,308	78,109	37,228	91,721	24,482	256,014
Montgomery.....	974,254	11	107,168	66,543	104,376	117,276	2,596	142,552
Morgan.....	891,888	11	98,108	109,110	90,486	59,020	9,520	68,460
Moultrie.....	47,052	10	4,705	16,593	14,671	14,414	4,613	22,814
Ogle.....	104,871	17	17,828	20,245	18,268	8,820	13,577	32,296
Peoria.....	165,630	20	33,126	28,979	66,669	37,938	6,944	27,710
Perry.....	112,368	10	11,237	8,641	3,213	14,403	9,545	48,510
Platt.....	107,315	30	32,194	.....	9,999	9,297	5,747	22,409
Pike.....	988,557	11	108,741	129,917	200,729	115,962	10,189	330,001
Pope.....	109,331	17	18,586	24,487	21,866	31,101	5,126	43,400
Pulaski.....	191,328	2	3,826	22,552	21,806	23,804	8,531	24,002
Putnam.....	31,410	17	5,340	4,167	5,808	2,608	3,582	3,456
Randolph.....	1,601,754	11	176,193	57,986	111,991	83,599	70,344	207,797
Richland.....	134,025	17	22,784	2,252	18,100	15,900	3,667	27,895
Rock Island.....	26,096	.....	.....	4,184	5,250	1,153	10,987	3,010
Saline.....	162,285	15	24,343	9,623	7,492	15,429	7,579	25,883
Sangamon.....	1,104,030	8	88,322	120,399	112,323	59,102	24,499	188,866
Schuyler.....	774,706	12	92,965	65,264	123,377	160,882	32,215	125,577
Scott.....	255,018	12	30,602	36,455	51,147	27,261	789	39,343
Shelby.....	486,320	12	58,358	17,586	73,881	71,088	17,804	158,474
Stark.....	19,045	3	6,285	191	8,483	412	2,859	384
St. Clair.....	2,383,700	16	381,392	161,664	.....	71,084	11,847	332,091
Stephenson.....	218,925	30	65,677	24,813	22,452	10,784	22,427	40,474
Tazewell.....	755,283	17	128,398	150,553	97,167	188,504	6,756	101,508
Union.....	437,512	17	74,377	62,073	64,960	56,603	37,657	90,638
Vermilion.....	274,684	13	35,709	50,697	89,725	24,115	10,281	26,713
Wabash.....	500,365	7	35,025	26,825	25,619	22,094	17,456	35,878
Warren.....	52,974	21	12,384	13,678	13,387	1,983	2,824	4,423
Washington.....	1,140,495	18	205,889	82,116	63,417	138,459	73,542	168,567
Wayne.....	49,853	7	3,490	2,205	15,080	8,795	5,287	40,980
White.....	709,460	18	127,703	23,867	15,796	43,034	58,754	35,428
Whiteside.....	103,596	25	25,899	.....	12,318	1,280	8,170	13,059
Will.....	44,208	.....	.....	2,213	13,416	6,010	2,369	3,117
Williamson.....	104,625	9	9,416	16,446	8,985	45,223	5,673	28,664
Winnebago.....	59,245	33	19,551	3,658	10,209	5,639	5,461	27,895
Woodford.....	116,750	12	14,010	14,678	28,554	12,929	3,605	13,100
Total or average	37,201,916	15	5,722,594	4,022,569	5,034,875	4,000,931	1,200,904	6,350,202

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ILLINOIS STATE FAIR—PEORIA, SEPTEMBER 29—OCTOBER 3, 1890.
AMERICAN FAT AND LIVESTOCK SHOWS—CHICAGO, NOVEMBER 13-22, 1890
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 13-22, 1890.
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 13-22, 1890.

STATISTICAL REPORT

—OF—

—ILLINOIS—

State Board of Agriculture,

—FOR—

JUNE 20, 1890.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

MADE TO THE

ILLINOIS STATE BOARD OF AGRICULTURE.

W. C. GARRARD, Secretary,

SPRINGFIELD.

CIRCULAR 149.

SPRINGFIELD, ILL.:
ILLINOIS STATE JOURNAL COMPANY.
1890.

Illinois State Board of Agriculture.

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ILLINOIS CROP REPORT,

—FOR—

JUNE 20, 1890.

Synopsis of the Reports of Correspondents upon the Condition of the Growing
Crops, Etc.

ILLINOIS STATE BOARD OF AGRICULTURE, }
SPRINGFIELD, June 20, 1890.

The information contained in this circular was obtained from the reports of correspondents mailed to this office the twentieth of June.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to this Department.

A large number of the correspondents have been reporting to this office during the past fourteen years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over five hundred, and are so distributed over the State as to represent each locality,

The State covers such an extended area from north to south (385 miles) and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of crops.

CORN.

The reports received from correspondents indicate that the area of the 1890 crop of corn is nearly, if not quite, as large as in 1889, when the official acreage as reported by the assessors was 6,988,267 acres.

The cold, wet weather of the early spring delayed planting, and the early planted corn was very slow in sprouting, while much of it failed to come up at all, so that re-planting was necessary. The past few weeks, however, have been favorable to the growth of corn, and while it is a little late, its condition is excellent, and with seasonable weather during the summer a large crop may be expected.

Corn as a rule is free from weeds, but in some localities the ground has been so wet that it was impossible to cultivate as it should be. Seed corn was of fine quality, which accounts in large measure for the good stand.

NORTHERN DIVISION.

In Northern Illinois the area in corn this season is one per cent. less than in 1889. The smallest comparative area is in Winnebago county, where it is but 87 per cent.

The condition of corn in this section is 92 per cent. of an average. It may be stated here that this low condition is due almost entirely to the lateness of the planting, rather than to the growth of the crop, and the same is true of the crop in the Central and Southern Divisions of the State. In three counties in this division the June 20 condition is above an average, viz: Marshall, 102; Stark, 103, and Lake, 115 per cent. The quality of the seed used last spring was excellent, being 99 per cent. of an average in the Northern Division.

The date of first appearance of corn above ground in this division was April 25 in Iroquois county. The greater part of the corn appeared from May 1 to 25.

Cut worms have injured the corn in Ogle County.

CENTRAL DIVISION.

The corn area in this division of the State is 2 per cent. larger than last year. In all of the central counties except the following, the area is as large, or larger, than in 1889; Cass, 85 per cent.; Champaign, 95; Clark, 95; Fulton, 99; Jersey, 90; Logan, 93; Tazewell, 95.

The average condition of the crop in Central Illinois is 98 per cent. The most discouraging report comes from Jersey county, where the June 20 condition is but 80 per cent.

The seed corn used was rather above the average in quality. The earliest date on which corn appeared was April 10, in Montgomery county.

Wire worms have injured corn in Schuyler county.

SOUTHERN DIVISION.

The area devoted to corn in Southern Illinois this season is five per cent. less than in 1889. In Gallatin county the area is but 73 per cent. and in Crawford 79, as compared with a year ago.

But three counties in the Southern Division report the condition as a seasonable average, viz: Pulaski and Washington, 100; Pope, 105. The June 20 condition is not favorable for over three-fourths of an average yield per acre in the counties of Gallatin, Hamilton, Mascasac and Williamson.

The date of first appearance of corn above ground was April 10, when it was reported from Bond, Lawrence, and Saline counties.

BROOM CORN.

The area devoted to broom corn in the thirty-four counties in which it is cultivated, is 7 per cent. less than in 1889.

The June 20 condition is not favorable for over 88 per cent. of an average yield per acre.

The reports indicate a full average yield per acre in the following counties, viz: Christian, Clark, Cumberland, Jasper, Kane, Marion, Mason, McHenry, Piatt, Schuyler, Shelby, Stark, Stephenson, Washington and Wayne.

SORGHUM.

Within 10 per cent. as much sorghum was planted this year as last, when there was 10,352 acres.

From present indications the yield per acre will be nearly as large as in 1889, and in some counties even larger.

A table published elsewhere in this report gives the area and June 20 condition of this crop in each county in which it is raised.

WINTER WHEAT.

The condition of winter wheat has not improved any since May 1. The condition in this report is based on the area left standing for harvest as given in the May 1 report of this Department. A great deal of damage has been done by Hessian fly, and in some counties the oats pest has attacked the wheat also.

An article by Prof. S. A. Forbes, State Entomologist, on the Hessian fly, will be found in this report.

NORTHERN DIVISION.

The condition of winter wheat in this section of the State has changed less since May 1, than in Central Illinois, the June 20 condition being 88 per cent., while the May 1 condition was 89 per cent. In a few counties the condition has improved somewhat in the last six weeks, but so little is raised here that it will cut little figure in the yield.

In but one county in this division has harvest commenced, Livingston, June 20.

CENTRAL DIVISION.

In this division of the State, which comprises the greater part of the "wheat belt," the condition of the crop has deteriorated fifteen points since May 1. At that date it seemed possible that three-fourths of an average yield per acre might be harvested from the standing area, but the June 20 reports indicate that but little over half an average yield per acre may be expected. In the following counties over three-fourths of an average yield per acre may be anticipated; Calhoun, 80 per cent.; Cumberland, 84; Mason, 78; McLean, 83; Piatt, 77; Tazewell, 79.

In the counties named below less than one-fourth of a crop will be realized: Christian, 15 per cent.; Montgomery, 24. In Christian county the yield will not equal the seed planted. Hessian fly is reported in the counties of Menard, Piatt, Schuyler and Tazewell. Rust is also reported in Tazewell county. Harvest commenced June 14, in Adams county.

SOUTHERN DIVISION.

Little change has occurred in the condition of winter wheat in the Southern Division of the State since May 1, there being a falling off of but one per cent. In Pulaski county a full

average yield per acre may be expected, and over 90 per cent. of an average yield per acre in the counties of Crawford, Jasper, Perry, Randolph, Wabash and Williamson.

Some smut is reported on wheat in White county, and the oats louse is also working in it.

Harvest commenced June 8, in Pulaski county.

SPRING WHEAT.

No material change has occurred in the condition of spring wheat since the last report from this office. With favorable weather until harvest full 90 per cent. of an average yield per acre will be harvested.

In Stephenson county the spring wheat has been injured by rust and chinch bugs, so that only about three-fourths of an average yield per acre is anticipated.

RYE.

The condition of rye is about as on May 1. In the Northern Division it is one per cent. less than at that date; in the Central it is the same, while in the Southern Division it has improved three points.

The June 20 condition is encouraging for a full average yield per acre in the following northern counties: Bureau, Kendall, Peoria, Putnam and Woodford. In Central Illinois a full average yield per acre may be expected in the counties of Brown, Cass, Cumberland, DeWitt, Douglas, Macoupin, McDonough, Menard, Scott, Shelby and Vermilion. In the following five counties in Southern Illinois a full average yield per acre is anticipated, viz: Jasper, Jefferson, Pope, St. Clair and Wayne.

OATS.

Taking the State over, the present outlook for oats in the most discouraging since 1874.

The cold, wet weather of the spring prevented seeding until unusually late, and many fields which were intended for oats were planted in corn. The grain plant louse made its appearance about June 1, and fields which promised well earlier in the season have been so ravaged by this pest that many will not be cut at all, and in some counties in the Southern Division the crop is an entire failure.

The June 20 reports indicate that the oats crop will be half an average yield per acre, but it is so long until harvest that this estimate may be too high.

In the June, 1889, report issued by this Department, will be found a full description of the life and habits of this insect, written by Prof. S. A. Forbes, State Entomologist. A copy of the report will be sent on application to the Secretary at Springfield.

NORTHERN DIVISION.

In Northern Illinois the condition of the crop is excellent and should no unfavorable circumstances occur before harvest, nearly an average yield per acre may be expected.

In Iroquois county the oats were injured by heavy rains and in Rock Island county a little injury has been done by the louse. The louse has made its appearance in Marshall county, on wheat, rye and oats.

The principal thing to be feared in this section is that the plant is so rank that there is danger of lodging.

There has been an improvement of 4 per cent. in this division since May 1.

CENTRAL DIVISION.

The condition of oats has deteriorated 30 per cent. since May 1, when the prospect was encouraging for 93 per cent. of an average yield per acre. In McDonough, one of the northern counties of the division, there has been no change, but in all the other counties the condition is from 1 to 76 per cent. lower, with the exception of Edgar county, where there has been an improvement of 19 per cent. In Vermilion county alone may an average yield per acre be expected.

The most discouraging report from this section comes from Jersey county, where only 10 per cent. of an average yield per acre is anticipated.

Nearly every county in this division has suffered from the ravages of the louse, and in Cass county some injury has also been done by rust, while in Schuyler county some damage has been done by heavy rains. Cut worms have destroyed the roots in Shelby county.

SOUTHERN ILLINOIS.

The farmers in Southern Illinois have a very poor prospect before them, with both the winter wheat and oat crops nearly entire failures.

The June 20 condition is promising for but 16 per cent. of an average yield per acre of oats, while four counties in this section report the crop an entire failure.

Jasper county expects to harvest half a crop, Clay 37 per cent., and Pope 32 per cent. The other counties in the division will have a yield of from 30 per cent. down to nothing. Many fields are so badly damaged that they will not be cut. Rust is also reported from the counties of Edwards, Lawrence and Wabash.

BARLEY.

The area seeded to barley this spring is but 93 per cent. as compared with a year ago.

The June 20 condition of the crop is encouraging for 90 per cent. of an average yield per acre.

MEADOWS.

Not quite so large an area is devoted to meadows this year as in 1889. The area in the Northern Division of the State is 98 per cent., in the Central, 96, and in the Southern, 100 per cent. The following counties report an increase of area as compared with last year; Cook, DuPage and Union, 101 per cent.; Carroll, Whiteside, Greene, Menard, Franklin, Jasper, Wabash and White, 102; Crawford and Wayne, 103; Williamson, 104; Clinton, Jackson and Pope, 105; Perry, 106; Calhoun, 107; Hamilton and Pulaski, 110; Edwards, 111.

It will be noted that the majority of the counties named, and those showing the greatest increase, are in the southern portion of the State.

Meadows are not in quite so good a condition as on May 1. They have improved 2 per cent. in the Northern portion of the State, have not changed in the Central, and have fallen off 13 per cent. in the Southern Division. In Jo Daviess county many timothy meadows are dead. New meadows as a rule, are in better condition than old ones.

The average condition of meadows in the State is 93 per cent.

PASTURES.

The area devoted to pastures has not changed materially during the past year. A number of counties in Southern Illinois are devoting more attention to live stock, and are increasing their pasture lands proportionally.

The condition of pastures is a little above that of meadows. The season has been favorable to their growth, and where stock was not turned on too early in the spring, they made good progress. In the Northern Division of the State the improvement since May 1 has been quite marked.

IRISH POTATOES.

In Northern and Central Illinois there is but slight difference between the area in Irish potatoes this year and last, but in the Southern portion of the State, the area this year is but 88 per cent. of that of 1889.

The condition of the crop at this date is encouraging for but 91 per cent. of an average yield per acre. In the Northern Division the condition is 96 per cent., in the Central 97, while in the Southern the June 20 condition is but 83 per cent. In only Jackson, Lawrence and Pulaski counties may an average yield per acre be expected.

SWEET POTATOES.

The area in sweet potatoes this season is 97 per cent. as compared with 1889. The counties in which there is much increase in area are as follows: Cass, 110; Christian, 105; Fayette, 110; McDonough, 133. There is a decrease in area of 25 per cent. or more in the counties named below, Calhoun, 50 per cent.; Gallatin, 57; Winnebago, 50.

The June 20 condition is encouraging for 94 per cent. of an average yield per acre. A better than average yield per acre is anticipated in the counties of Cass, Fayette, Greene, Knox, Piatt and Tazewell.

FLAX.

But thirteen counties make any report on flax. Four of these, DuPage, Iroquois, Ford and Perry, report the area as less than last year, while Kendall, Livingston and Warren counties report an increased area.

The condition at this date is favorable for 96 per cent. of an average yield per acre.

CLOVER.

The area in clover this season is 8 per cent. less than a year ago. Very few counties report an increased area over last year, and there is quite a falling off in some counties.

The June 20 condition is 92 per cent. Clover was winter-killed in Christian, Monroe, Rock Island and Sangamon counties.

HUNGARIAN AND MILLET.

While some counties have increased the area of these crops quite materially, the State area is but 95 per cent. as compared with last year. Pike county reports the area double that of 1889, and the increase in other counties is as follows: Clark, DuPage, Randolph and Washington, 102; Macoupin, 105; Jersey, Marion, Montgomery and Saline, 110.

TOBACCO.

Of the twenty-three counties in which tobacco is raised, but three report the area as larger than in 1889; seven report a decreased acreage, and in the remaining thirteen the

area is the same as last year. The State area, as reported by crop correspondents is 93 per cent.

The June 20 condition of the crop is 90 per cent. of an average. In Franklin county but half an average yield per acre is anticipated; in Williamson, 67 per cent., and in Saline, 70 per cent. In all of these counties the area this year is very much reduced.

FIELD BEANS.

The following counties report an increased area in field beans this year, viz: Alexander, 101; Cumberland, 107; Edwards, 110; Lawrence, 105; Lee, 161; Saline, 103; Stark, 105; Union, 110; Wayne, 120. The area devoted to beans throughout the State is 98 per cent as compared with last year.

The condition at this date is very fair, and nearly an average yield per acre may be expected.

FIELD PEAS.

The area devoted to field peas this year is not so large as last year by 6 per cent. There is an increased area in the following counties: Alexander, 101 per cent; Perry, 103; Union and White, 105.

FRUIT.

The yield of small fruit this season is scarcely up to an average. As a rule the bloom was profuse, but the late frosts killed a large proportion of the fruit, and in many cases injured the quality of what was left. In Carroll county the fruit was nearly all killed by frost. A heavy hailstorm on June 12 in Champaign county beat a great deal of fruit off the trees, and severely bruised the remainder. On the 6th of June a severe gale occurred in Henry county, the most severe since June, 1860, by which the fruit was badly damaged. Tazewell county reports that they will have a full crop of peaches. An insect is injuring the apples in Marion county, and there are complaints of their inferior quality from other portions of the State. There will be very few apples in Randolph county this year, and in Saline only half a crop, while peaches, plums, pears and cherries are reported a complete failure in some portions of that county.

Elsewhere in this report will be found articles, by practical fruit growers, giving the present status of strawberries and apples in their respective localities.

CHERRIES.

In comparatively few counties was the yield of cherries this season as large as usual, while in a great many counties less than half a crop was realized.

An average yield was obtained in the following counties, viz: Adams, Alexander, DeWitt, Douglas, Ford, Greene, Iroquois, Kankakee, McHenry, Morgan, Peoria, Piatt, Pike, Putnam, Sangamon, Stark, Vermilion and Whiteside.

STRAWBERRIES.

The strawberry crop suffered, perhaps, more than any of the other small fruits from the late frosts, they occurring just at the critical period in the formation of the fruit.

Not only was the yield small, but the quality of the fruit was not so good as usual, and fruit growers found little to encourage them in the season's outcome.

In the following counties the yield was larger than usual, Cumberland and Gallatin, 105 per cent.; Jackson and Kankakee, 110; LaSalle, 102; Lee, 103; Marshall and Perry 102; Pope, 112; Shelby, 102; Winnebago, 115.

The counties of Boone, Bureau, Clay, Clinton, Douglas, Effingham, Hamilton, Jefferson, Pike, Pulaski, Randolph, Vermilion and Whiteside, report an average yield. The poorest yield was in Cass county, where they had but half a crop.

RASPBERRIES.

More than an average yield of raspberries, was obtained in the following counties: Cumberland, 106; Fayette, Greene and Iroquois, 102; Kendall, 110; Knox, 105; LaSalle, 102; Logan, 103; Madison, 101; Perry, 104; Putnam, 103; Scott, 105; Shelby, 102.

GOOSEBERRIES.

This fruit yielded an average crop only in the counties of Adams, Alexander, Calhoun, Cass, DeWitt, Effingham, Ford, Franklin, Greene, Henderson, Jersey, Kankakee, Knox, Marion, Pulaski, Sangamon, St. Clair, Stephenson, Vermilion and Will.

CURRANTS.

Only one county in the State, Winnebago reported more than an average yield of currants, and but ten others came up to the average. In DuPage county the currants were almost destroyed by the currant worm. Less than half an average yield was obtained in the counties named below: DuPage, 20 per cent.; Edwards, 27; Hamilton, 40; Hardin, 25; Kendall, 47; McLean, 45; Richland, 30; and Wayne, 46.

VINEYARDS.

The area in vineyards this season is as large, or larger, than last year in a great majority of the counties in the State, and the others are very little less.

The condition of the fruit is not so good as usual at this date, many of the blossoms having been killed by the late frosts, but more than an average yield may be expected in the following counties: Alexander and Coles, 105; Crawford, 102; Cumberland, 107; Edgar, 102; Ford, 120; Gallatin, Jasper, McHenry and Montgomery, 102; Putnam, 103; Saline, 101; Wayne and Winnebago, 103.

YOUNG LIVE STOCK.

PIGS.

The number of pigs this season is a little smaller than in 1889. In two counties the number is less than three-fourths that of last year, viz: Lee, 73 per cent. and Mason, 69.

There is no complaint of disease among pigs, and their condition is about a seasonable average.

LAMBS.

Not quite so many lambs are reported this season as last, but their condition is good, and no disease is reported among them. In the following counties the number of lambs is larger than last year: Carroll, 105 per cent; Cumberland, 110; Edgar, 104; Fayette, 112; Henderson, 110; JoDaviess, 117; LaSalle, 102; Logan, 105; Marshall, 101; Morgan, 110; Perry, 107; Pike, 112; Pope, 105; Putnam, 102; Scott, 102; Stark, 104; White, 102.

CALVES.

There are but three per cent. less calves in the State this year than in 1889. A few counties report more, but in the majority of counties the number is from 90 to 100 per cent. as compared with last year.

The health of calves is excellent. In Macon county "black quarter" is killing some calves. No other reports of disease have been received.

COLTS.

There has been a good deal of mortality among colts this spring, and the number is but 94 per cent. as compared with last year.

The following counties have sent in reports of disease and death among colts, as noted: Coles county: Many mares have died in foaling, and a large per cent. of the colts die before weaning time. Sores come on their joints, and they die after they are two weeks old.

In Marion county there is great mortality among colts; cause unknown. A great many young colts have died of blood-poisoning in Morgan county.

The average value of colts at weaning time is \$40; number lost prior to weaning, 10 per cent.; average cost of service, \$11.

WOOL.

The wool clip this season is 98 per cent. of that of 1889. In the counties named below there has been an increase over that of last year, viz: Bond, 120 per cent; Carroll, 107; Douglas, 110; DuPage, 102; Edgar, 106; Edwards, 101; Fayette, 107; Ford, 105; Henderson, 110; Henry, 102; Iroquois, 104; Jasper, 102; JoDaviess, 110; Kendall, 110; Knox, 103; LaSalle, 102; Lawrence, 105; Menard, 105; Mercer, 102; Montgomery, 104; Morgan, 110; Perry, 106; Pike and Pope, 112; Putnam, 104; Rock Island, 102; Warren, 103; Woodford, 105.

MISCELLANEOUS.

Farmers generally throughout the State are paying more attention to improving their live stock. Tiling has also been satisfactorily used in most parts of the State, though more could be used in Southern Illinois. In Union county, tomatoes and melons, as well as small fruits, are being largely raised for shipment, as many as fifty car-loads of tomatoes having been shipped from the county in a single day.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public

to decide as to the market value of the crop. The official acreage of the crops, as reported by the assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. In reporting condition, 100 is used by correspondents to represent a fair, seasonable, average vitality or growth unaffected by storms, insects or contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The observers of the Department are, as a rule, experienced farmers who have made the study of the conditions and yield of crops their life work, conservative men who realize the necessity for the work done by this Department and assist it by their gratuitous reports.

It is not pretended that these reports will exactly coincide with the official assessors' returns, but they do represent the condition or yield of the various crops, etc., at the dates given, as estimated by men experienced in this work, and their estimates, for a term of years, will be found to closely approximate the assessors' returns.

W. C. GARRARD,

Secretary.

AREA AND CONDITION OF CORN.

COUNTIES.	NORTHERN DIVISION.										Seed—quality compared to an average.	Date of first appearance above ground.
	Area, 1882.	Area, 1883.	Area, 1884.	Area, 1885.	Area, 1886.	Area, 1887.	Area, 1888.	Area, 1889.	Average 1890 compared with 1889.	Condition June 20, 1889.	Condition June 20, 1890.	
Roane.....	34,000	35,405	32,076	33,689	30,877	30,524	33,804	32,674	97	81	90	May 15.
Bureau.....	169,168	165,203	151,991	143,066	46,454	136,135	148,505	132,379	97	74	94	May 12.
Carroll.....	65,768	68,658	60,950	62,057	62,507	56,156	64,281	67,115	101	96	84	May 15.
Cook.....	57,277	48,937	46,109	44,728	43,173	40,624	48,231	46,293	100	90	95	May 20.
DeKalb.....	117,684	111,901	104,484	107,823	99,881	96,598	102,412	106,481	97	82	88	May 1.
DuPage.....	34,388	31,199	30,630	33,004	31,039	29,260	30,884	32,433	100	90	92	May 20.
Grundy.....	90,255	87,536	78,792	80,875	88,793	82,754	85,004	82,618	102	87	90	May 15.
Henderson.....	72,369	64,691	64,691	58,705	56,489	54,067	57,207	54,655	103	85	93	May 1.
Henry.....	182,529	172,866	157,404	143,491	135,077	129,923	140,328	140,779	100	87	96	May 5.
Iroquois.....	212,368	216,783	209,528	206,700	213,628	215,024	219,540	228,605	97	57	79	April 25.
Jedavess.....	49,181	57,383	51,404	53,932	43,132	50,612	53,230	57,396	100	91	86	May 17.
Kane.....	58,089	54,713	52,591	57,257	55,457	52,770	54,445	61,573	98	97	95	May 5.
Kankakee.....	109,438	100,637	79,364	93,004	98,012	91,105	93,481	90,935	100	89	90	May 10.
Kendall.....	68,538	92,109	58,065	57,782	58,251	56,447	59,242	58,305	100	78	90	May 1.
Knox.....	134,595	127,172	119,926	120,741	103,938	93,944	104,120	100,062	100	93	96	May 12.
Lake.....	26,744	27,634	23,584	22,881	22,881	25,517	25,517	25,670	105	85	115	May 1.
LaSalle.....	254,340	219,972	192,978	194,342	216,884	205,888	213,211	215,432	90	92	94	May 7.
Lee.....	142,146	140,146	179,008	139,571	85,590	110,357	118,009	118,009	101	87	86	May 3.
Livingston.....	246,651	248,680	233,766	253,762	242,264	236,713	229,212	233,188	100	83	87	May 10.
Marshall.....	57,907	80,000	80,000	67,575	75,872	71,652	72,395	71,065	100	92	102	May 10.
McHenry.....	59,944	56,576	56,546	56,835	57,131	57,397	67,747	62,487	101	73	94	May 15.
Mercer.....	97,497	91,523	80,749	81,591	81,224	63,164	78,298	82,628	102	73	96	May 1.
Ogle.....	122,639	118,455	116,858	130,271	121,577	102,639	120,418	122,677	98	87	76	May 12.
Peoria.....	92,258	86,288	87,007	83,525	80,181	69,243	70,289	68,434	99	90	92	May 10.
Putnam.....	26,538	25,557	27,694	27,349	26,785	25,664	25,043	25,717	102	98	100	May 10.
Rock Island.....	58,887	55,817	55,625	53,504	48,667	48,659	73,560	51,743	100	95	97	May 1.
Stark.....	61,846	61,358	59,345	60,802	65,608	52,427	54,911	59,846	102	92	103	May 1.
Stephenson.....	81,438	82,711	78,569	74,621	72,156	70,163	72,829	70,090	100	85	91	May 1.
Warren.....	114,538	110,146	97,398	102,200	97,105	87,245	92,585	96,863	102	96	95	May 1.
Whiteside.....	113,675	103,354	88,796	100,927	100,728	95,561	101,668	102,430	100	82	80	May 21.
Will.....	120,387	120,387	116,728	116,728	118,069	114,200	117,001	113,833	100	94	100	May 1.
Winnebago.....	76,187	75,416	71,857	69,909	71,426	66,324	71,243	69,971	87	74	83	May 12.
Woodford.....	111,580	105,576	100,398	104,132	106,006	99,009	99,512	101,719	102	92	95	May 5.
Total or average.....	3,320,652	3,315,291	3,004,889	3,062,614	3,011,948	2,806,943	2,986,510	3,022,365	99	86	92	

AREA AND CONDITION OF CORN.—Continued.

COUNTIES.	CENTRAL DIVISION.																			Area, 1882.	Area, 1883.	Area, 1884.	Area, 1885.	Area, 1886.	Area, 1887.	Area, 1888.	Area, 1889.	Aveage 1890 compared with 1889.	Condition June 20, 1889.	Condition June 20, 1890.	Seed—quality compared to an average.	Date of first appearance above ground.
Adams.....	8, 371	86, 108	86, 663	90, 761	84, 910	80, 964	79, 225	76, 677	100	70	95	100	May 5.																			
Brown.....	33, 156	30, 862	29, 490	31, 652	26, 659	28, 375	28, 375	25, 967	100	82	92	105	May 15.																			
Calhoun.....	14, 576	16, 239	15, 619	27, 173	13, 807	11, 126	12, 834	12, 834	105	78	95	110	May 15.																			
Cass.....	49, 837	42, 098	41, 292	47, 342	43, 380	47, 274	46, 920	43, 062	95	82	90	100	May 15.																			
Champaign.....	201, 183	212, 665	187, 343	212, 151	221, 355	222, 800	226, 312	231, 730	95	74	97	98	May 4.																			
Christian.....	125, 891	120, 995	122, 114	144, 320	128, 046	110, 783	110, 511	113, 438	110	90	90	102	May 10.																			
Clark.....	38, 544	39, 406	41, 600	40, 775	37, 874	39, 995	39, 291	46, 005	95	100	100	100	May 10.																			
Coles.....	64, 700	57, 001	54, 222	44, 873	63, 500	58, 111	65, 106	49, 558	100	95	100	104	May 1.																			
Cumberland.....	32, 332	28, 881	28, 339	24, 030	28, 344	23, 270	25, 864	23, 270	102	95	101	100	May 10.																			
Dewitt.....	80, 236	85, 188	79, 813	93, 617	82, 055	75, 307	77, 312	82, 276	110	78	103	100	May 5.																			
Douglas.....	79, 975	83, 337	83, 262	62, 075	77, 227	58, 061	83, 849	79, 542	100	78	92	105	May 1.																			
Edgar.....	77, 918	19, 312	90, 043	102, 406	94, 413	94, 631	98, 260	87, 502	105	72	95	96	May 10.																			
Ford.....	110, 103	111, 893	108, 411	103, 812	104, 242	112, 792	111, 817	111, 817	100	83	95	99	May 1.																			
Fulton.....	104, 246	100, 162	101, 351	102, 456	97, 491	97, 671	101, 877	91, 357	99	87	99	102	April 30.																			
Greene.....	52, 964	58, 374	52, 078	72, 269	65, 872	67, 776	61, 135	58, 006	113	77	97	97	April 20.																			
Hancock.....	100, 363	98, 922	99, 713	93, 754	91, 002	80, 696	86, 736	94, 339	106	86	100	110	May 1.																			
Jersey.....	53, 594	34, 423	34, 423	33, 922	37, 411	38, 738	26, 616	36, 716	90	77	80	100	May 10.																			
Logan.....	155, 426	158, 867	162, 177	187, 214	146, 679	135, 473	129, 948	136, 719	93	79	93	103	May 10.																			
Macon.....	103, 341	132, 241	124, 176	140, 123	114, 994	116, 531	107, 536	100, 721	102	62	100	104	May 1.																			
Macoupin.....	111, 868	80, 637	91, 016	120, 406	108, 028	95, 920	102, 163	92, 416	111	79	99	103	May 10.																			
Mason.....	43, 675	43, 675	43, 675	43, 675	66, 301	62, 133	81, 167	82, 851	105	75	98	102	May 10.																			
McDonough.....	52, 415	76, 882	76, 882	.....	30, 229	30, 007	53, 554	38, 552	105	75	98	100	May 15.																		
McLean.....	256, 868	243, 107	237, 429	218, 215	239, 937	221, 139	217, 981	226, 064	100	87	100	96	May 15.																			
Menard.....	70, 146	31, 040	71, 150	75, 375	70, 350	70, 350	74, 856	76, 940	102	87	100	93	April 20.																			
Montgomery.....	108, 105	105, 891	103, 213	129, 158	109, 697	96, 842	103, 640	99, 478	112	76	105	104	April 10.																			
Morgan.....	115, 459	128, 159	142, 442	142, 442	113, 306	104, 735	95, 295	95, 295	107	95	96	100	April 30.																			
Moultrie.....	54, 998	51, 309	45, 457	62, 860	32, 666	32, 666	50, 151	53, 137	100	84	105	100	May 1.																			
Pike.....	76, 049	84, 703	60, 706	62, 700	71, 131	79, 367	94, 175	66, 402	102	84	100	105	May 15.																			
Sangamon.....	57, 486	66, 084	61, 794	84, 398	131, 887	75, 900	66, 135	71, 369	100	90	90	100	May 1.																			
Schuyler.....	157, 631	166, 139	145, 120	153, 601	132, 990	136, 520	133, 110	133, 110	100	90	102	100	May 2.																			
Scott.....	46, 232	32, 845	39, 686	42, 494	39, 070	37, 614	42, 142	45, 678	107	86	97	102	May 1.																			
Shelby.....	34, 415	19, 157	12, 855	27, 895	22, 423	13, 562	15, 677	15, 678	100	87	105	102	May 5.																			
Tazewell.....	89, 353	86, 842	86, 308	90, 919	100, 329	73, 865	85, 885	73, 498	95	97	99	104	May 2.																			
Vermilion.....	121, 116	116, 077	104, 911	109, 007	105, 913	97, 513	109, 586	99, 408	100	78	110	100	.....																		
Warrren.....	217, 329	132, 397	134, 683	146, 465	145, 598	145, 391	144, 680	141, 472	100	78	110	100	.....																		
Total or average.....	3, 068, 842	3, 038, 409	2, 960, 093	3, 085, 790	3, 040, 721	2, 863, 208	2, 996, 063	2, 916, 478	102	82	98	101	.....																		

AREA AND CONDITION OF CORN.—Continued.

COUNTIES.	SOUTHERN DIVISION.										Seed—quality compared to an average.	Date of first appearance above ground.
	Area, 1882.	Area, 1883.	Area, 1884.	Area, 1885.	Area, 1886.	Area, 1887.	Area, 1888.	Area, 1889.	Acresage 1890 compared with 1889.	Condition June 20, 1889.	Condition June 20, 1890.	
Alexander	8,325	8,416	8,845	8,802	8,802	8,862	10,447	8,268	88	90	87	April 15.
Bond	40,287	45,241	52,874	50,374	50,374	36,633	33,275	46,602	107	77	91	April 10.
Clay	27,212	30,582	30,014	29,259	29,259	29,806	33,818	36,626	95	93	92	May 10.
Clinton	45,222	51,206	63,995	52,601	52,601	46,153	54,000	46,512	97	80	102	May 10.
Crawford	32,417	36,360	33,151	29,102	31,844	31,844	31,063	35,009	96	84	90	April 20.
Edwards	18,479	18,152	15,631	15,527	13,921	13,921	11,437	18,222	96	70	85	May 5.
Fillingham	41,331	48,385	46,051	41,445	41,445	48,798	44,327	44,677	102	93	102	May 1.
Fayette	38,300	47,769	55,469	62,126	62,126	52,250	55,473	42,327	105	92	97	May 1.
Franklin	19,932	3,487	10,665	29,282	34,058	34,058	20,040	24,719	95	107	81	May 1.
Gallatin	48,881	28,000	47,801	51,485	51,485	22,585	20,482	20,482	73	87	72	April 30.
Hamilton	32,187	37,438	31,076	30,841	30,841	36,251	32,035	30,902	100	95	60	.....
Hardin	5,460	3,708	10,133	9,247	9,247	9,677	12,254	11,245	97	*92	88	May 1.
Jackson	22,632	19,556	26,906	25,768	25,768	23,700	19,845	19,845	100	90	85	May 10.
Jasper	31,799	35,353	33,247	34,226	42,950	42,950	40,608	38,158	97	87	92	May 10.
Jefferson	33,556	42,848	39,606	34,396	47,149	44,308	44,308	45,097	90	102	87	May 10.
Johnson	15,446	12,717	19,636	18,490	15,142	14,048	14,048	8,197	73	73	85	May 10.
Lawrence	35,046	28,309	31,439	32,865	31,177	37,573	43,690	43,690	102	95	93	April 10.
Madison	98,102	74,922	149,080	105,914	82,317	91,414	85,448	85,448	94	92	94	April 24.
Marion	37,355	39,301	43,089	39,006	49,204	49,204	33,615	36,909	95	98	103	May 1.
Massac	11,397	11,453	13,230	11,207	14,407	17,817	17,817	17,817	75	88	50	May 5.
Monroe	16,758	16,159	22,352	18,747	17,511	17,511	18,740	17,916	110	85	77	May 10.
Perry	8,371	12,316	15,698	13,957	13,957	13,957	8,334	7,142	97	100	101	May 10.
Pope	19,291	18,047	19,887	20,687	18,892	18,892	18,892	18,892	105	100	105	June 1.
Pulaski	12,902	10,370	12,130	14,205	12,196	14,205	15,234	15,234	100	75	100	May 20.
Randolph	22,800	25,781	28,622	28,031	26,249	28,246	28,246	26,668	100	96	92	May 10.
Richland	21,129	25,102	23,636	26,400	26,400	26,584	29,801	32,646	100	91	105	May 8.
Saline	23,972	15,557	22,910	22,743	30,719	34,531	33,880	33,880	87	90	78	April 10.
St. Clair	43,364	44,273	64,411	58,326	62,459	60,588	57,719	57,719	101	85	86	April 15.
Union	20,536	15,865	12,113	13,463	18,901	19,632	18,900	20,278	96	100	92	May 1.
Wabash	20,897	17,552	18,224	15,746	33,900	33,900	20,906	21,176	97	80	85	April 20.
Washington	27,009	32,423	48,475	38,780	33,900	33,900	37,393	37,393	99	101	100	May 8.
Wayne	39,905	35,351	40,359	43,962	40,674	46,340	45,340	51,278	95	97	90	May 1.
White	38,546	42,591	48,499	43,669	38,933	43,669	43,669	51,278	83	82	82	April 25.
Williamson	26,225	22,247	21,981	23,639	18,653	18,653	20,223	11,665	83	105	75	April 25.
Total or average	982,558	933,837	1,164,253	1,160,640	1,048,975	1,048,975	1,065,240	1,049,424	95	91	87	

* Estimated.

WINTER WHEAT.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
COUNTIES.				COUNTIES.				COUNTIES.			
Condition	May 1, 1890.	Condition	June 20, 1889.	Date harvest commenced.	Condition	May 1, 1890.	Condition	June 20, 1890.	Condition	June 20, 1889.	Date harvest commenced.
Boone.....	97	90	102	.....	Adams.....	72	65	55	Alexander.....	70	June 10
Bureau.....	92	93	86	.....	Brown.....	57	43	55	Rand.....	105	June 12
Carroll.....	97	87	100	.....	Calhoun.....	82	67	102	Clay.....	98	June 16
Cook.....	88	100	102	.....	Cass.....	90	67	102	Clinton.....	107	June 16
DeKalb.....	90	75	95	.....	Champaign.....	75	45	90	Crawford.....	112	June 17
DuPage.....	100	100	90	.....	Christian.....	42	15	75	Edwards.....	93	June 17
Grundy.....	100	87	96	.....	Clark.....	*62	53	48	Effingham.....	70	June 16
Henderson.....	89	80	100	.....	Coles.....	42	49	100	Franklin.....	108	June 18
Henry.....	90	75	90	.....	Cumberland.....	42	84	98	Payette.....	86	June 20
Iroquois.....	87	85	86	.....	DeWitt.....	107	75	95	Franklin.....	85	June 17
JoDavies.....	80	80	91	.....	Douglas.....	08	55	95	Gallatin.....	77	June 13
Kane.....	85	92	100	.....	Edgar.....	52	36	52	Hamilton.....	89	June 13
Kankakee.....	85	80	100	.....	Ford.....	*78	*35	100	Hardin.....	87	June 13
Kendall.....	80	100	95	.....	Fulton.....	74	51	85	Jackson.....	67	June 13
Knox.....	96	100	99	.....	Greene.....	72	25	95	Jasper.....	85	June 20
Lake.....	75	60	97	.....	Hancock.....	93	65	88	Jefferson.....	48	June 15
LaSalle.....	100	97	96	.....	Jersey.....	62	67	107	Johnson.....	83	June 14
Lee.....	90	90	87	.....	Logan.....	80	68	98	Lawrence.....	72	June 18
Livingston.....	72	73	95	.....	Macon.....	72	68	86	Madison.....	76	June 16
Marshall.....	95	97	91	.....	Nacopiti.....	51	56	76	Martin.....	67	June 17
McHenry.....	92	90	105	.....	Mason.....	87	78	91	Massac.....	75	June 8
Merce.....	77	90	100	.....	McDonough.....	88	75	75	Monroe.....	57	June 16
Ogle.....	83	83	87	.....	McLean.....	73	83	97	Perry.....	90	June 16
Peoria.....	95	80	97	.....	McNard.....	78	65	85	Pope.....	82	June 8
Putnam.....	101	101	95	.....	Montgomery.....	80	24	93	Pulaski.....	98	June 8
Rock Island.....	89	100	*97	.....	Morgan.....	82	48	79	Randolph.....	65	June 20
Stark.....	90	90	99	.....	Moultrie.....	72	57	97	Richland.....	92	June 16
Stephenson.....	76	69	77	.....	Pike.....	62	42	83	Sabine.....	76	June 17
Warren.....	101	98	98	.....	Pontiac.....	62	75	82	St Clair.....	77	June 17
Whiteside.....	100	90	100	.....	Sangamon.....	62	45	83	Union.....	88	June 13
Will.....	*88	*94	*99	.....	Schuyler.....	73	73	100	Wabash.....	75	June 18
Winnebago.....	65	100	100	.....	Scott.....	70	45	91	Washington.....	70	June 18
Woodford.....	94	94	97	.....	Shelby.....	70	72	106	Wayne.....	96	June 16
Average.....	89	88	95	.....	Tazewell.....	94	79	108	White.....	80	June 13
				.....	Vermilion.....	79	75	92	Williamson.....	61	June 10
				.....	Average.....	73	58	87	Average.....	77	100

* Estimated.

SPRING WHEAT.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.				
COUNTIES.	Acreage 1890, compared with 1889.	Condition May 1, 1890.	Condition June 20, 1890.	Condition June 20, 1889.	COUNTIES.	Acreage 1890, compared with 1889.	Condition May 1, 1890.	Condition June 20, 1890.	Condition June 20, 1889.	COUNTIES.	Acreage 1890, compared with 1889.	Condition May 1, 1890.	Condition June 20, 1890.	Condition June 20, 1889.
Moone.....	89			106	Adams.....					Alexander..				
Bureau.....	99	95	97	97	Brown.....					Bond.....				
Carroll.....	82	88	86	97	Calhoun....					Clay.....				
Cook.....	105	100	100	100	Cass.....				102	Clinton....				
DeKalb.....	97	97	100	102	Champaign..					Crawford..				
DuPage.....	102	95	95	102	Christian....					Edwards....				
Grundy.....				*97	Clark.....					Ellingham..				
Henderson...	100	97	82		Coles.....					Fayette.....				
Henry.....	98	97	95	92	Cumberland					Franklin....				
Iroquois....	95	97	90	94	DeWitt.....		100	100	92	Galatin....				
JoDavies....	100	100	92	102	Douglas....					Hamilton....				
Kane.....	67	85	95	102	Edgar.....					Hardin....				
Kankakee...	70	62	*84	102	Ford.....		90	80	87	Jackson....				
Kendall.....	97	92	100	103	Fulton.....		100	90	95	Jasper.....				
Knox.....	97	103	100	90	Greene.....				*94	Jefferson...				
Lake.....	102	95	100	107	Hancock....				*95	Johnson....				
LaSalle....	95	95	102	94	Jersey.....					Lawrence...				
Lee.....	112	100	105	102	Loran.....					Madison....				
Livingston..	105	100	82	90	Macon.....					Marion....				
Marshall....	72	87	97	93	Macoupin...					Massac.....				
McHenry....	100	98	100	105	Mason.....		90	90	95	Monroe....				
Mercer.....	100	80	90	100	McDonough		100	100	*95	Perry.....				
Ogle.....	107	96	92	97	McLean.....				*95	Pope.....				
Peoria.....	72	72	*98		Menard.....					Pulaski....				
Putnam.....	92	100	100	101	Montgom'ry					Randolph...				
Rock Island	93	95	87	95	Morgan.....					Richland...				
Stark.....	100	100	96	102	Moultrie....					Saline.....				
Stephenson..	94	96	75	102	Piatt.....		100	100		St. Clair...				
Warren.....	95	102	96	96	Pike.....					Union.....				
Whiteside..	75	100	90	103	Sangamon...					Wabash....				
Will.....	100	100	*96	*104	Senuyler....					Washington				
Winnebago..				105	Scott.....					Wayne.....				
Woodford...	100	100	100	97	Shelby.....					White.....				
Average...	94	95	94	99	Tazewell....		110	50	97	Williamson..				
					Vermillion..			*85		Average...				
					Average...		94	90	95					

* Estimated.

OATS.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
COUNTIES.	Average 1890, compared with 1889.	Condition May 1, 1890.	Condition June 20, 1890.	COUNTIES.	Average 1890, compared with 1889.	Condition May 1, 1890.	Condition June 20, 1890.	COUNTIES.	Average 1890, compared with 1889.	Condition May 1, 1890.	Condition June 20, 1890.
Boone.....	102	87	109	Adams	101	85	50	Alexander ..	90	90	70
Bureau.....	102	91	100	Brown	100	87	83	Bond	95	89	108
Carroll.....	97	97	100	Cathoun	90	100	30	Clay	85	95	21
Cook.....	102	100	105	Cass	100	100	87	Clinton	93	93	102
Dekalb.....	100	97	100	Champaign ..	110	100	90	Crawford.....	79	90	20
DuFarge.....	100	95	100	Christian	110	80	41	Edwards.....	82	90	104
Grundy.....	100	100	100	Clark	75	100	34	Effingham....	80	78	18
Henderson ..	87	84	95	*Coles	102	87	71	Fayette.....	81	90	85
Henry.....	100	92	93	Cumberland ..	102	97	67	Franklin.....	75	87	92
Iroquois.....	100	97	100	DeWitt	100	97	75	Franklin.....	85	78	100
JoDavies....	100	90	100	Douglas.....	93	95	95	Gallatin.....	87	85	77
Kane.....	100	87	106	Edgar	105	65	84	Hamilton....	8	80	5
Kankakee....	99	83	110	Ford	100	95	89	Hardin.....	92	91	75
Kendall.....	107	87	102	Fulton	97	95	91	Jackson.....	82	92	46
Knox.....	105	97	102	Greene	110	93	23	Jasper.....	75	82	73
Lake.....	93	90	99	Hancock.....	87	98	62	Jefferson....	92	92	89
LaSalle.....	95	94	100	Harvey.....	100	85	72	Johnson....	77	83	102
Lec.....	96	97	105	Jersey	105	85	10	Lawrence....	75	75	70
Livingston ..	103	98	100	Logan	90	85	42	Madison.....	89	86	94
Marshall.....	103	92	100	Macon	100	95	95	Marion.....	52	90	17
McHenry.....	100	98	100	Macoupin.....	118	91	27	Massac.....	*91	*88	90
Mercer.....	105	75	107	Mason	96	96	90	Monroe.....	100	90	15
Ogle.....	98	92	95	McDonough....	102	88	8	Perry.....	85	82	95
Peoria.....	96	97	92	McLean.....	94	93	86	Pope.....	80	87	40
Putnam.....	102	101	102	Menard	93	95	70	Pulaski.....	105	97	40
Rock Island ..	99	91	95	Montgome'y ..	107	92	29	Randolph....	86	84	89
Starck.....	94	98	102	Morgan	103	94	75	Richland....	77	77	88
Stephenson ..	99	92	100	Moultrie	110	98	60	Saline.....	65	80	80
Warren.....	99	97	97	Pike.....	107	98	22	St. Clair....	83	68	75
Whiteside....	112	100	103	Sangamon	100	92	40	Union.....	105	93	87
Will.....	100	75	105	Schuyler.....	97	85	50	Wabash.....	75	77	88
Winnebago....	98	85	111	Scott	100	97	50	Washington ..	74	71	101
Woodford ..	100	96	101	Shelby	102	96	57	Wayne.....	56	68	93
				Tazewell.....	99	100	97	White.....	61	70	85
				Vermilion ..	100	101	100	Williamson ..	72	60	80
Average	103	97		Average	100	93	63	Average	82	83	82
											16

* Estimated.

RYE AND FLAX.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.							
COUNTIES.	RYE.			FLAX.		COUNTIES.	RYE.			FLAX.		COUNTIES.	RYE.			FLAX.	
	Condition May 1, 1890	Condition June 20, '90	Condition June 20, '89	Ac. 1890, compared with 1889	Condition June 20, '90		Condition June 20, '89	Condition May 1, 1890	Condition June 20, '90	Condition June 20, '89	Condition May 1, 1890		Condition June 20, '90	Condition June 20, '89	Condition May 1, 1890	Condition June 20, '90	Condition June 20, '89
Boone.....	94	93	96	100	95	95	Adams.....	95	*92	95	93	Alexander.....	80	90	100		
Bureau.....	97	101	99	100	100	100	Brown.....	100	100	100	100	Bond.....	110	93	100		
Carroll.....	104	92	96	100	90	80	Carboun.....	100	90	80	100	Clay.....	87	105	100		
Cook.....	73	95	100	100	100	100	Cass.....	100	100	100	100	Clinton.....	84	77	100		
DeKalb.....	92	90	97	100	93	93	Champaign.....	60	53	93	90	Crawford.....	60	72	100		
DuPage.....	88	79	88	80	73	77	Christian.....	75	84	90	100	Edwards.....	102	97	100		
Grundy.....	100	*87	*93	100	77	77	Clark.....	77	92	100	100	Edingham.....	100	90	83		
Henderson.....	90	85	95	100	103	103	Coles.....	97	102	84	100	Fayette.....	100	*86	100		
Henry.....	97	90	97	72	100	100	Cumberland.....	103	100	94	95	Franklin.....	100	100	100		
Iroquois.....	97	86	89	87	95	95	DeWitt.....	95	100	95	95	Gallatin.....	100	*87	100		
Jo Daviess.....	90	90	96	90	100	100	Douglas.....	100	96	50	93	Hamilton.....	100	*88	100		
Kane.....	81	93	87	75	93	93	Edgar.....	72	92	91	93	Hardin.....	88	91	100		
Kankakee.....	97	80	97	110	100	100	Ford.....	97	82	85	94	Jackson.....	100	100	105		
Kendall.....	103	102	89	100	97	97	Fulton.....	100	97	87	94	Jefferson.....	77	100	100		
Knox.....	106	95	105	100	95	95	Greene.....	100	97	87	95	Johnson.....	90	*79	92		
Lake.....	97	95	105	100	97	97	Hancock.....	97	82	95	95	Lawrence.....	75	*81	105		
LaSalle.....	100	94	106	100	97	97	Jersey.....	100	97	95	95	Madison.....	50	75	90		
Lee.....	100	98	96	133	93	93	Logan.....	100	97	97	97	Marion.....	65	90	102		
Livingston.....	70	72	85	100	100	100	Macon.....	95	100	95	95	Massac.....	90	90	96		
Marshall.....	100	96	97	100	97	97	Macoupin.....	95	100	95	97	Monroe.....	90	99	99		
McHenry.....	92	93	103	100	97	97	Mason.....	99	95	97	97	Perry.....	90	99	80		
Mercer.....	95	90	100	100	93	93	McDonough.....	100	100	95	95	Pope.....	77	100	75		
Ogle.....	91	92	94	100	97	97	Melan.....	83	95	93	93	Pulaski.....	91	97	97		
Peoria.....	93	100	98	100	97	97	Menard.....	100	97	100	100	Randolph.....	160	90	100		
Putnam.....	101	100	100	100	95	95	Montgomery.....	95	95	92	92	Richland.....	75	62	90		
Rock Island.....	91	79	83	97	100	100	Morgan.....	100	97	97	100	Saline.....	100	100	*95		
Stark.....	91	95	97	85	102	102	Moutrie.....	105	95	77	100	St. Clair.....	100	100	85		
Stephenson.....	81	85	85	105	96	96	Pike.....	100	*96	97	97	Union.....	82	71	85		
Warren.....	102	98	85	101	100	100	Sangamon.....	100	96	100	100	Wabash.....	90	90	100		
Whiteside.....	100	85	67	95	100	100	Schuyler.....	100	95	*96	96	Washington.....	82	85	96		
Will.....	75	90	95	95	98	98	Scott.....	100	100	100	100	Wayne.....	85	100	105		
Winnebago.....	72	95	92	100	96	96	Shelby.....	98	100	100	100	White.....	75	*81	100		
Woodford.....	90	102	100	92	93	93	Tazewell.....	100	98	100	100	Williamson.....	85	83	100		
Average.....	92	91	94	100	96	96	Vermilion.....	96	100	97	97	Average.....	85	88	94		
							Average.....	93	93	92	98			80	90	100	

*Estimated.

CROP REPORT.

MEADOWS.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.							
COUNTIES.		Average 1890, compared with 1889.	Condition May 1, 1890.	Condition June 20, 1890.	Condition June 20, 1889.	COUNTIES.		Average 1890, compared with 1889.	Condition May 1, 1890.	Condition June 20, 1890.	Condition June 20, 1889.	COUNTIES.		Average 1890, compared with 1889.	Condition May 1, 1890.	Condition June 20, 1890.	Condition June 20, 1889.
Boone.....	98	94	96	91	90	Adams.....	100	85	105	70	Alexander.....	90	95	100	101	88	84
Bureau.....	95	93	102	97	85	Brown.....	93	102	93	105	Bond.....	89	97	99	97	79	79
Carroll.....	102	95	109	102	100	Calhoun.....	107	90	100	103	Clay.....	90	105	99	95	95	97
Cook.....	101	100	89	100	102	Cass.....	100	125	100	100	Clinton.....	105	97	103	98	84	110
DeKalb.....	100	98	103	85	85	Champaign.....	100	80	95	70	Crawford.....	103	97	111	115	100	100
DuPage.....	101	97	102	100	100	Christian.....	92	95	87	82	Edwards.....	111	115	100	100	100	100
Grundy.....	100	110	89	88	88	Clark.....	98	110	94	45	Efingham.....	94	110	87	73	73	78
Henderson.....	100	91	80	97	97	Coles.....	100	87	96	85	Fayette.....	99	102	88	78	95	95
Henry.....	99	91	82	95	95	Cumberland.....	99	103	107	107	Franklin.....	102	110	74	77	74	77
Iroquois.....	97	103	97	73	73	DeWitt.....	100	107	100	96	Gallatin.....	100	102	78	95	95	95
Jedavies.....	99	90	92	92	84	Douglas.....	100	88	95	93	Hamilton.....	110	114	60	90	90	90
Kane.....	100	92	102	95	94	Edgar.....	97	85	94	60	Hardin.....	95	91	95	101	101	77
Kankakee.....	100	98	105	94	105	Ford.....	96	93	96	87	Jackson.....	105	85	100	77	75	75
Kendall.....	100	95	103	86	103	Fulton.....	91	89	81	93	Jasper.....	102	102	99	70	70	70
Knox.....	92	93	92	102	102	Greene.....	102	97	97	98	Jefferson.....	100	105	50	75	75	75
Lake.....	98	97	100	100	100	Hancock.....	79	92	76	90	Johnson.....	100	105	50	75	75	75
LaSalle.....	98	97	104	92	92	Jersey.....	100	90	87	62	Lawrence.....	100	101	97	90	90	90
Lee.....	97	97	103	103	105	Logan.....	98	87	95	92	Madison.....	98	96	100	101	101	101
Livingston.....	96	92	86	77	77	Macon.....	92	96	92	72	Marion.....	95	103	87	80	80	80
Marshall.....	96	98	104	40	40	Macoupin.....	84	90	84	78	Nassau.....	95	75	95	85	85	85
McHenry.....	100	99	106	99	99	Mason.....	88	96	100	81	Monroe.....	100	100	65	105	105	105
Mercer.....	99	70	77	102	102	McDonough.....	83	95	85	50	Perry.....	106	110	71	82	82	82
Ogle.....	97	93	94	94	95	McLean.....	98	85	90	82	Pope.....	105	114	110	60	60	60
Peoria.....	98	99	99	93	93	Menard.....	102	97	92	82	Pulaski.....	110	102	110	25	25	25
Putnam.....	99	99	100	89	89	Montgomery.....	95	101	86	76	Randolph.....	100	102	110	82	82	82
Rock Island.....	95	83	82	103	103	Morgan.....	96	96	97	77	Richland.....	95	102	105	84	84	84
Stark.....	100	100	101	96	96	Moultrie.....	97	90	93	85	Saline.....	98	94	86	90	90	90
Stephenson.....	97	86	99	90	90	Piatt.....	87	98	100	81	St. Clair.....	100	100	89	95	95	95
Warren.....	95	96	91	100	100	Pike.....	100	96	100	95	Union.....	101	113	91	92	92	92
Whiteside.....	102	95	100	105	105	Sangamon.....	100	92	100	63	Wabash.....	102	92	96	90	90	90
Will.....	100	100	100	90	90	Schuyler.....	92	92	97	100	Washington.....	100	97	82	84	84	84
Winnebago.....	93	87	85	76	76	Scott.....	100	100	100	95	Wayne.....	103	105	100	87	87	87
Woodford.....	100	95	97	79	79	Shelby.....	100	98	103	84	White.....	102	101	87	81	81	81
Average ...	98	94	96	91	91	Tazewell.....	96	97	100	97	Williamson.....	104	106	93	74	74	74
						Vermilion.....	100	105	110	77	Average	100	101	88	84	84	84

Estimated

CROP REPORT.

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PASTURES.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.				
COUNTIES.	Average 1890 compared with 1889.	Condition May 1, 1890.	Condition June 20, 1890.	Condition June 20, 1889.	COUNTIES.	Average 1890, compared with 1889.	Condition May 1, 1890.	Condition June 20, 1890.	Condition June 20, 1889.	COUNTIES.	Average 1890, compared with 1889.	Condition May 1, 1890.	Condition June 20, 1890.	Condition June 20, 1889.
Boone	100	95	103	104	Adams	100	91	102	93	Alexander	92	93	90	110
Bureau	98	94	105	107	Brown	100	107	98	87	Bond	105	80	97	105
Carroll	104	95	111	112	Calhoun	100	90	100	100	Clay	102	102	90	103
Cook	103	100	104	112	Cass	100	105	102	103	Clinton	100	95	91	106
DeKalb	103	92	103	103	Champaign	100	90	95	94	Crawford	110	96	99	88
DuPage	101	100	104	102	Christian	97	102	88	92	Edwards	101	117	104	112
Grundy	100	98	90	*98	Clark	101	100	99	47	Effingham	100	106	89	100
Henderson	100	110	93	105	Coles	99	87	93	91	Fayette	93	95	97	93
Henry	97	95	95	107	Cumberland	107	107	107	106	Franklin	101	103	80	92
Iroquois	98	102	104	80	DeWitt	100	107	97	100	Gallatin	100	102	70	90
JoDavies	100	90	102	100	Douglas	100	90	94	93	Hamilton	110	100	70	90
Kane	100	95	108	107	Edgar	97	90	94	93	Hardin	103	92	100	103
Kankakee	95	97	100	102	Ford	98	98	103	100	Jackson	105	90	100	95
Kendall	100	95	108	92	Fulton	95	89	95	103	Jasper	100	102	100	92
Knox	100	97	102	119	Greene	103	97	102	108	Jefferson	100	100	82	110
Lake	100	102	115	107	Hancock	97	97	92	103	Johnson	100	108	50	82
LaSalle	99	89	107	102	Jersey	100	90	90	95	Lawrence	100	99	93	102
Lee	99	100	108	109	Logan	95	83	95	109	Madison	101	98	96	100
Livingston	100	94	96	92	Macon	97	97	100	86	Marion	102	110	93	92
Marshall	100	95	107	60	Macoupin	96	90	91	92	Massac	100	75	100	97
McHenry	100	99	102	104	Mason	91	94	90	98	Monroe	85	75	90	125
Mercer	101	82	85	115	McDonough	100	93	97	120	Perry	99	105	99	106
Ogle	100	91	102	94	McLean	96	96	99	100	Pope	117	114	100	75
Peoria	100	96	98	87	Menard	100	97	102	99	Randolph	110	100	110	75
Putnam	101	102	110	101	Montgomery	100	100	91	100	Richland	98	92	87	104
Rock Island	101	88	96	103	Morgan	101	100	100	96	Saline	100	97	100	101
Stark	102	98	102	106	Moultrie	100	92	97	100	St. Clair	101	94	96	95
Stephenson	100	92	101	90	Platt	97	100	100	86	Union	100	95	93	100
Warren	99	96	98	105	Pike	100	100	100	100	Wabash	102	112	99	100
Whiteside	102	95	105	103	Sangamon	100	96	100	103	Washington	102	92	97	110
Will	100	100	100	103	Shannon	100	100	100	101	Wayne	102	97	100	105
Winnebago	93	88	97	105	Schuyler	98	87	102	101	White	103	105	102	94
Woodford	100	95	96	92	Scott	100	100	100	95	White	103	101	93	114
Average	100	95	101	101	Shelby	103	100	102	100	Williamson	99	105	105	92
					Tazewell	100	94	100	98	Average	101	98	94	99
					Vermilion	100	105	110	82					
					Average	99	98	98	96					

* Estimated

FIELD CROPS—Acreage and Condition.

COUNTIES.	CORN.			BROOM CORN.		SOR-GHUM.		WIN'R WHEAT	SPIC'G WHEAT	OATS.	RYE.	BARLEY	FLAX.	TOBAC-Co.						
	Per ct.	Condition 1890.	Seed—Quality with an average	Per ct.	Condition 1890.	Per ct.	Condition 1890.	June 20, 1890.	June 20, 1890.	June 20, 1890.	June 20, 1890.	Per ct.	Condition 1890.	June 20, 1890.	Per ct.	Condition 1890.	June 20, 1890.	Per ct.	Condition 1890.	June 20, 1890.
Adams.....	100	95	100					65	..	50										
Alexander.....	88	87	101	100	95	90	100	70	..	10	90							90	90	
Bond.....	107	91	101			81	90	59	..	21	93							110	105	
Boone.....	97	94	98	75	90			90	97	100	93	98	98							
Brown.....	104	92	105			100	95	43	..	83	100							100	70	
Bureau.....	97	94	99			100	95	93	99	101	101	100	100							
Calhoun.....	105	95	110			60	90	80	..	30	90									
Carroll.....	101	81	92	100				87	86	101	92	100	90							
Cass.....	85	95	97			100	100	67	..	87	100									
Champaign.....	95	90	100					45	..	90										
Christian.....	110	97	98	100	100	100	100	15	..	41	53							100	100	
Clark.....	95	90	102	95	100	102	100	53	..	34	84							100	100	
Clay.....	95	92	100			87	95	87	..	37	87									
Clinton.....	97	89	102	100	40	80	85	82	..	20	77									
Coles.....	100	100	100	91	84	100	85	49	..	71	92	100	100	100	100	100	100	110	80	
Cook.....	100	95	102			75	100	100	100	97	95	100	100	100	100	100	100	100	100	
Crawford.....	79	90	100			87	95	92	..	18	72							120	103	
Cumberland.....	102	101	104	97	102	95	102	84	..	67	102			100	100	100	100	100	100	
DeKalb.....	97	88	93	100	80	100	100	75	100	100	90	85	100							
DeWitt.....	110	93	100			100		75	100	75	100									
Douglas.....	100	102	105	97	87	100	75	55	..	75	100							100	75	
DuPage.....	100	92	101					100	95	96	79	80	100	80	100					
Edgar.....	105	95	96	100	82	97	95	36	..	84	96	50								
Edwards.....	96	85	100			100	97	70	..	18								100	100	
Elfingham.....	100	92	102			100	89	86	..	27	97							90	85	
Fayette.....	105	97	103			100	100	43	..	27	90									
Ford.....	100	95	99			100	95	80	89	93				93	93					
Franklin.....	95	81	100			90	75	85	9									50	50	
Fulton.....	99	99	102					51	..	91	92									
Gallatin.....	73	72	100			100	100	77	..											
Greene.....	113	97	97			100	100	25	..	23										
Grundy.....	102	90	100						100											
Hamilton.....	100	60	100			30	60	75	..	5										
Hancock.....	106	109	110			100	100	65	..	62	82	120	100							
Hardin.....	97	88	101			100	95	88	82	22										
Henderson.....	100	93	103					80	82	85										
Henry.....	100	96	104	93	90	100	100	75	95	93	90	80	85							
Iroquois.....	91	79	98			25	80	85	90	87	86			72	82					
Jackson.....	100	85	100					80	..	20										
Jasper.....	97	92	100	100	100	100	95	91	..	67	100							95	95	
Jefferson.....	90	87	100			50	100	87	..	17	100									
Jersey.....	90	80	100		80			52	..	10										
JoDaviss.....	100	86	95					80	92	99	90	78	92					100	93	
Johnson.....	90	85	100			50	75	40	..											
Kane.....	98	95	100	100	100			92	95	97	93	97	100							
Kankakee.....	100	90	110			50	50	80	..	100	80									
Kendall.....	100	90	95					100	82	102	102			110	90					
Knox.....	100	96	99	90	99	98	98	100	100	101	98									
Lake.....	105	115	110					60	100	95				100	100					
LaSalle.....	90	94	100			100	100	97	102	98	94									
Lawrence.....	102	93	97			100	92	75	..	10										
Lee.....	101	86	91					93	105	105	98	100	100							

FIELD CROPS—Acreage and Condition—Continued.

COUNTIES.	CORN.			BROOM CORN.		SORGUM.		WIN'G WHET.	SPRING WHET.	OATS.	RYE.	BARLEY		FLAX.		TOBACCO.	
	Acreage with 1889.	Condition 1890.	Seed—Quality compared with an average.	Acreage with 1889.	Condition 1890.	Acreage with 1889.	Condition 1890.	Condition 1890.	Condition 1890.	Condition 1890.	Condition 1890.	Acreage with 1889.	Condition 1890.	Acreage with 1889.	Condition 1890.	Acreage with 1889.	Condition 1890.
Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	
Livingston	100	87	102	75	80	65	77	73	82	75	72	...	...	133	93	...	...
Logan	93	95	103	...	...	...	...	63	...	72	...	...	...	...	...	...	...
Macon	102	100	104	...	...	100	100	59	...	42	97	...	...	...	...	...	...
Macoupin	111	100	103	...	...	100	100	36	...	27	100	...	...	...	...	...	...
Madison	102	94	100	100	95	100	95	60	...	17	75	100	...	...	...	100	100
Marion	95	92	103	100	105	60	100	67	...	17	90	...	...	...	...	100	90
Marshall	100	102	100	...	...	97	92	97	97	100	96	95	107	95	...	100	95
Mason	100	99	102	100	100	100	100	78	90	90	95	95	...	...	...	...	...
Massac	75	50	100	...	...	75	75	75	...	5	...	...	...	...	...	...	...
McDonough	105	98	100	...	...	75	100	75	90	88	100	...	...	...	...	...	...
McHenry	101	94	106	100	100	105	100	90	100	100	93	91	100	100	100	...	...
McLean	100	100	96	...	...	...	...	83	...	86	95	...	...	...	...	...	...
Menard	102	100	93	...	...	100	100	65	...	70	100	...	...	...	...	...	...
Mercer	102	96	102	80	90	93	97	90	90	96	90	...	...	...	...	...	...
Monroe	110	77	102	...	...	95	77	57	...	90	50	50	...	...	...	...	...
Montgomery	112	105	104	...	...	99	99	24	...	29	57	...	...	...	...	...	...
Morgan	107	96	100	...	...	...	...	48	...	75	95	...	...	...	...	...	...
Moultrie	100	98	97	90	93	...	...	57	70	60	...	...	...	...	...	...	...
Ogle	98	76	83	...	...	80	60	80	92	95	92	80	80	...	...	...	...
Peoria	99	92	105	...	...	...	...	80	...	92	100	...	...	...	...	...	...
Perry	97	90	101	...	...	95	88	96	...	25	99	...	...	80	90	75	100
Piatt	102	105	100	95	100	80	100	77	100	65	95	...	...	100	100	...	...
Pike	100	100	105	...	...	...	...	42	...	22	...	...	...	...	...	...	...
Pope	105	105	100	...	...	87	90	82	...	32	100	...	...	...	...	...	...
Pulaski	100	100	100	...	...	100	100	100	...	...	...	...	...	...	...	...	...
Putnam	102	96	100	...	...	100	92	101	100	97	100	...	...	...	...	...	...
Randolph	100	92	100	...	...	88	90	90	...	15	97	...	...	...	...	...	...
Richland	100	90	105	...	...	100	85	75	...	12	90	...	...	...	...	...	...
Rock Island	100	97	101	...	...	102	97	100	87	95	79	105	100	...	...	...	...
Saline	87	78	100	...	...	73	78	79	...	18	62	...	...	...	...	53	70
Sangamon	100	90	100	...	...	...	...	75	...	40	...	...	...	...	...	...	...
Schuyler	107	102	102	100	100	90	100	73	...	65	95	...	...	...	...	...	...
Scott	107	97	100	...	...	...	...	45	...	50	100	...	...	...	...	...	...
Shelby	100	105	102	100	100	85	100	72	...	57	100	...	...	...	...	...	...
Stark	102	103	105	100	100	104	100	90	96	97	95	100	100	...	...	...	...
St. Clair	101	86	97	...	...	100	100	81	...	7	100	90	75	...	...	...	...
Stephenson	100	91	100	100	100	100	95	69	75	100	85	100	98	...	...	...	...
Tazewell	95	99	104	80	80	...	...	79	80	97	98	...	...	...	...	...	...
Union	96	92	100	...	...	95	90	80	...	25	71	...	...	...	...	...	...
Vermilion	100	110	100	...	...	100	110	75	...	100	100	...	...	...	...	...	...
Wabash	97	85	90	...	...	...	...	90	...	20	90	...	...	...	...	...	...
Warren	102	95	100	...	...	95	97	98	96	97	98	...	...	105	100	...	...
Washington	99	100	103	100	100	102	90	76	...	16	85	...	...	...	...	100	100
Wayne	95	90	100	100	100	92	92	80	...	18	100	...	...	...	...	100	100
White	90	82	100	...	...	75	80	65	...	3	...	...	...	...	...	...	...
Whiteside	100	80	95	...	...	80	65	90	90	100	85	100	75	...	...	...	...
Will	100	100	100	...	...	100	100	75	...	100	75	...	...	110	100	...	...
Williamson	83	75	100	...	...	77	67	91	...	83	...	...	...	...	...	50	67
Winnebago	87	83	83	30	80	50	75	100	100	108	95	83	100	...	...	...	...
Woodford	102	95	100	100	80	100	90	94	100	101	102	100	100	...	...	...	...

FARM CROPS—Acreage and Condition

COUNTIES.	MEADOWS.		CLOVER.		PASTURES.		IRISH POTATOES.		SWEET POTATOES.	
	Acreage com- pared with 1889.	Condition June 20, 1890	Acreage com- pared with 1889.	Condition June 20, 1890	Acreage com- pared with 1889.	Condition June 20, 1890	Acreage com- pared with 1888.	Condition June 20, 1890	Acreage com- pared with 1889.	Condition June 20, 1890.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams.....	100	105	100	95	100	102	100	100	.....	.....
Alexander.....	90	90	100	97	92	90	75	85	95	95
Bond.....	99	79	87	85	105	97	98	96	100	96
Boone.....	98	97	98	102	100	103	100	98	.....	.....
Brown.....	93	93	75	82	100	98	100	100	100	80
Bureau.....	95	102	92	99	98	105	101	99	.....	.....
Calhoun.....	107	100	110	105	100	100	90	100	50	90
Carroll.....	102	109	100	104	104	111	90	99	96	100
Cass.....	100	100	105	105	100	102	97	100	110	110
Champaign.....	100	95	100	95	100	95	100	100	100	100
Christian.....	92	87	90	89	97	88	100	92	105	93
Clark.....	98	94	80	94	101	99	95	100	100	95
Clay.....	90	95	97	100	102	90	92	83	100	92
Clinton.....	105	84	65	70	100	91	95	65	97	93
Coles.....	100	96	87	91	99	93	103	97	100	99
Cook.....	101	89	97	101	103	104	100	90	.....	.....
Crawford.....	103	98	89	91	110	99	86	90	97	95
Cumberland.....	99	107	86	102	107	107	102	106	97	100
DeKalb.....	100	103	102	102	100	103	97	93	.....	.....
DeWitt.....	100	100	75	100	100	100	99	50	100	100
Douglas.....	100	95	96	85	100	97	100	100	100	100
DuPage.....	101	102	103	103	101	104	100	99	.....	.....
Edgar.....	97	94	81	94	97	94	101	102	97	98
Edwards.....	111	100	82	82	101	104	95	90	100	97
Effingham.....	94	87	101	90	100	89	92	77	95	89
Fayette.....	99	88	72	60	93	97	87	95	110	110
Ford.....	96	96	98	100	98	103	99	102	.....	.....
Franklin.....	102	74	77	86	101	80	97	88	100	97
Fulton.....	91	81	90	79	95	95	93	93	100	100
Gallatin.....	100	78	87	77	100	100	67	63	57	62
Greene.....	102	97	55	80	103	102	95	92	100	105
Grundy.....	100	95	.....	.....	100	90	.....	.....	.....	.....
Hamilton.....	110	60	100	75	110	70	75	50	100	90
Hancock.....	79	79	76	86	97	92	100	100	80	80
Hardin.....	95	95	112	101	103	100	80	87	95	90
Henderson.....	100	80	93	80	100	83	100	93	100	75
Henry.....	99	82	100	89	97	95	100	100	100	100
Iroquois.....	97	97	93	95	98	101	101	97	100	97
Jackson.....	105	100	105	100	105	100	90	100	.....	.....
Jasper.....	102	99	101	90	100	100	100	96	97	97
Jefferson.....	100	70	87	100	100	82	62	90	100	100
Jersey.....	100	87	30	67	100	90	100	85	90	95
JoDavies.....	99	92	100	102	100	102	95	100	.....	.....
Johnson.....	100	50	100	50	100	50	100	90	100	75
Kane.....	100	102	105	107	100	108	100	90	.....	.....
Kankakee.....	100	105	100	100	95	100	100	101	.....	.....
Kendall.....	100	103	100	103	100	108	95	85	.....	.....
Knox.....	92	92	76	85	100	102	95	102	97	102
Lake.....	98	100	105	100	100	115	100	96	.....	.....
LaSalle.....	98	105	98	104	99	107	91	100	100	90
Lawrence.....	100	97	100	95	100	93	102	100	100	100
Lee.....	97	103	102	102	99	108	91	103	100	100

FARM CROPS—Acreage and Condition—Continued.

COUNTIES.	MEADOWS.		CLOVER.		PASTURES.		IRISH POTATOES.		SWEET POTATOES.	
	Acreage com- pared with 1889.	Condition June 20, 1890.	Acreage com- pared with 1889.	Condition June 20, 1890.	Acreage com- pared with 1889.	Condition June 20, 1890.	Acreage com- pared with 1889.	Condition June 20, 1890.	Acreage com- pared with 1889.	Condition June 20, 1890.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Livingston ..	96	86	93	97	100	96	99	90	100	90
Logan	98	95	100	83	95	95	98	90	100	100
Macon	92	92	98	93	97	100	100	101	100	100
Macoupin ..	84	84	47	90	96	94	97	95	100	97
Madison	98	95	88	88	101	96	88	97	100	100
Marion	95	87	90	97	102	93	65	58	103	100
Marshall	96	104	98	107	100	107	97	97	96	98
Mason	88	100	99	93	91	90	100	100	97	93
Massac	95	95	100	100	100	100	90	90	100	100
McDonough ..	83	85	112	97	100	97	103	97	133	100
McHenry	100	106	100	106	100	102	101	100	100	100
McLean	98	90	98	100	96	99	99	96	100	100
Menard	102	92	93	92	100	102	93	93	100	100
Mercer	99	77	99	90	101	85	94	89	.....	.....
Monroe	100	65	77	50	85	90	70	85	100	90
Montgomery ..	95	86	67	75	100	91	97	89	103	90
Morgan	96	97	84	75	101	100	97	92	100	100
Moultrie	97	93	83	90	100	97	100	95	90	97
Ogle	97	94	100	100	100	102	95	82	100	85
Peoria	98	93	80	88	100	98	90	88	.....	.....
Perry	106	71	94	74	99	99	90	79	99	90
Piatt	87	100	90	100	97	100	100	105	100	102
Pike	100	100	102	95	100	100	100	100	100	100
Pope	105	110	105	125	117	100	.....	.....	.....	.....
Pulaski	110	110	100	100	110	110	100	100	100	100
Putnam	99	100	101	102	101	110	100	101	100	100
Randolph	100	82	97	90	98	87	80	72	80	85
Richland	95	105	95	92	100	100	100	65	80	70
Rock Island ..	95	82	90	84	101	96	100	95	100	100
Saline	98	86	86	79	101	96	89	73	96	87
Sangamon	100	100	75	50	100	100	100	100	100	90
Schuyler	92	97	88	98	98	102	100	105	100	100
Scott	100	100	105	100	100	100	100	100	95	98
Shelby	100	103	75	75	103	102	97	102	97	100
Stark	100	101	92	103	102	102	98	106	97	98
St. Clair	100	89	78	79	100	93	82	74	95	70
Stephenson ..	97	99	97	102	100	101	100	92	100	100
Tazewell	96	100	75	97	100	100	96	102	100	103
Union	101	91	100	92	102	99	89	85	95	95
Vermilion	100	110	110	110	100	110	100	100	100	100
Wabash	102	96	100	82	102	97	90	96	93	100
Warren	95	91	96	96	99	98	94	95	95	92
Washington ..	100	82	100	92	102	100	96	97	95	86
Wayne	103	100	98	92	103	102	90	85	100	95
White	102	87	90	87	103	93	95	70	100	85
Whiteside	102	100	102	97	102	105	100	100	95	90
Will	100	100	100	100	100	100	100	100	100	100
Williamson	104	93	100	98	99	103	96	91	78	78
Winnebago	93	85	105	107	93	97	85	107	50	75
Woodford	100	97	97	99	100	96	102	101	97	90

FARM AND FRUIT CROPS.

COUNTIES.	HUNGARIAN & MILLER.	FIELD BEANS.		FIELD PEAS.	WOOL.	CHERRIES.	STRAWBERRIES.	RASPBERRIES.	GOOSEBERRIES.	CURRENTANTS.	VINEYARD.	
	Acreage compared with 1889.	com- pared with 1889.	June 20, 1890.	com- pared with 1889.	Clip of 1890 com- pared with 1889.	Yield.	Yield.	Yield.	Yield.	Yield.	Acreage com- pared with 1889.	June 20, 1890.
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
Adams.....					100	100	92	100	100	100	100	75
Alexander.....	90	101	105	101	90	100	95	100	100	100	105	105
Bond.....	98	100	95	100	120	58	91	95	66	78	100	96
Boone.....	90	100	100		97	90	100	100	---	100	100	97
Brown.....					93	70	77	100	20	---	100	50
Bureau.....	100				100	97	100	92	80	90	97	85
Calhoun.....		90	100		100	60	90	100	100	90	100	100
Carroll.....		100	100		107	97	92	90	67	63	100	80
Cass.....	100					95	50	---	100	80	100	100
Champaign.....		100	100		100	95	60	100	80	75	100	95
Christian.....		100	100	100	95	66	66	85	83	72	97	86
Clark.....	102	100	100	100	99	41	75	98	89	60	97	100
Clay.....	95	87	75		95	30	100	100	75	57	100	87
Clinton.....	92				72	25	100	95	74	65	100	97
Coles.....	90	100	100		90	65	85	97	87	70	100	105
Cook.....	93	100	100	100	100	88	95	100	87	75	105	100
Crawford.....	75	97	101	95	84	52	93	98	84	54	101	102
Cumberland.....	97	107	100		97	61	105	106	84	73	100	107
DeKalb.....	100	100	100		87	85	92	97	80	58	100	85
DeWitt.....	100				100	100	80	100	100	100	100	100
Douglas.....	100	100	100		110	100	100	100	75	75	110	100
DuPage.....	102	100	100	100	102	86	95	100	95	20	95	90
Edgar.....	98	75	100		106	84	63	100	77	70	100	102
Edwards.....	100	110	100	100	101	42	82	97	57	27	100	100
Effingham.....	83	90	75	100	97	52	100	81	100	92	100	97
Fayette.....	75				107	90	88	102	89	53	95	95
Ford.....					105	102	97	100	110	---	110	120
Franklin.....	75			50	94	53	82	93	100	---	100	100
Fulton.....					98	62	72	92	73	75	98	48
Gallatin.....	50	100	100		90	75	105	100	75	62	100	102
Greene.....		100	90	100	97	100	75	102	100	75	100	90
Grundy.....												
Hamilton.....		100	80		100	10	100	60	50	40	100	100
Hancock.....	100				100	50	77	80	53	53	97	100
Hardin.....	100				75	40	60	100	50	25	100	96
Henderson.....					110	50	62	83	100	93	100	50
Henry.....	90	100	100	100	102	90	87	90	84	81	93	97
Iroquois.....	83	94	95	100	104	101	95	102	87	82	100	99
Jackson.....					100	25	110	100	40	---	105	100
Jasper.....	100	100	92		102	49	72	96	94	69	94	102
Jefferson.....	100	100	100	42	75	20	100	95	80	55	100	100
Jersey.....	110				60	87	82	100	100	75	100	100
Jo Daviess.....					110	90	97	100	95	57	100	94
Johnson.....					100	20	80	75	---	---	100	100
Kane.....	100	95	100	100	100	90	96	98	85	75	100	92
Kankakee.....		100	80			100	110	100	100	100	100	90
Keokuk.....	100	100	100		110	75	98	110	53	47	92	85
Knox.....	47	97	100	100	103	92	70	105	100	72	100	95
Lake.....	100										100	100
LaSalle.....		100	100		102	87	102	102	85	70	100	90
Lawrence.....		105	100		105	40	95	95	62	97	100	100
Lee.....		101	90	100	87	92	103	92	87	87	100	75

FARM AND FRUIT CROPS—Continued.

COUNTIES.	HUNGARIAN & MILLET.	FIELD BEANS.		FIELD PEAS.	WOOL.	CHERRIES.	STRAW-BERRIES.	RASPBERRIES.	GOOSE-BERRIES.	CURRANTS.	VINEYARD.	
	Acreage com- pared with 1889.	com- pared with 1889.	June	com- pared with 1889.	Clip of 1890 com- pared with 1889.	Yield.	Yield.	Yield.	Yield.	Yield.	Acreage com- pared with 1889.	June
	Condition	Condition	20, 1890.	Condition	Condition	Condition	Condition	Condition	Condition	Condition	Condition	Condition
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
Livingston.....	93	.....	.....	.....	97	67	83	80	57	62	97	87
Logan.....	.....	.....	.....	.....	.....	87	75	103	75	75	100	35
Macoun.....	100	.....	.....	.....	99	84	91	98	89	67	100	92
Macoupin.....	105	100	85	100	10	59	89	91	68	71	97	88
Madison.....	90	100	98	.....	100	45	85	101	99	87	100	99
Marion.....	110	70	105	90	75	52	78	65	102	57	90	85
Marshall.....	93	97	101	90	99	94	102	98	98	96	101	90
Mason.....	90	95	90	90	95	81	70	97	77	67	100	76
Massac.....	.....	.....	.....	.....	100	75	75	100	75	.....	100	100
McDonough.....	.....	.....	.....	.....	100	62	58	77	85	65	100	77
McHenry.....	100	100	100	100	99	100	96	100	65	77	100	102
McLean.....	.....	.....	.....	.....	97	94	94	92	37	45	.....	.....
Menard.....	.....	.....	.....	.....	105	98	90	98	95	93	100	85
Mercer.....	.....	.....	.....	.....	102	70	62	91	85	72	100	55
Monroe.....	.....	.....	.....	.....	97	10	87	100	87	100	95	90
Montgomery.....	110	100	100	.....	104	93	99	94	96	85	100	102
Morgan.....	.....	.....	.....	.....	110	100	88	93	90	75	100	40
Moultrie.....	85	.....	.....	.....	83	93	97	100	77	77	100	100
Ogle.....	.....	95	90	100	100	81	70	90	95	77	93	87
Peoria.....	.....	.....	.....	.....	97	100	53	97	65	67	100	37
Perry.....	96	100	100	103	106	60	102	104	81	92	100	100
Piatt.....	.....	.....	.....	.....	100	165	90	95	85	95	95	100
Pike.....	200	.....	.....	.....	112	130	10	90	90	100	85	85
Pope.....	.....	.....	.....	.....	112	90	112	87	.....	.....	110	100
Pulaski.....	.....	.....	.....	.....	100	.....	100	100	100	100	100	100
Putnam.....	.....	.....	.....	.....	104	100	96	103	80	75	100	103
Randolph.....	102	.....	.....	.....	98	40	100	90	62	75	100	100
Richland.....	.....	.....	.....	.....	100	40	85	82	70	30	100	100
Rock Island.....	.....	.....	.....	.....	102	82	81	72	53	53	100	82
Saline.....	110	103	92	87	94	47	90	91	67	72	100	101
Sangamon.....	.....	.....	.....	.....	100	100	90	100	100	100	100	90
Schuyler.....	100	95	100	.....	97	88	85	100	70	72	100	83
Scott.....	.....	.....	.....	.....	92	87	62	105	82	80	95	95
Shelby.....	90	100	100	100	97	69	102	102	87	80	90	100
Stark.....	100	105	100	100	100	100	86	100	89	82	100	100
St. Clair.....	87	.....	.....	.....	100	63	72	85	100	75	97	92
Stephenson.....	.....	100	100	.....	100	92	95	98	100	98	100	100
Tazewell.....	100	.....	.....	.....	97	90	96	97	78	58	99	67
Union.....	50	110	90	105	92	52	91	93	77	.....	100	97
Vermilion.....	100	.....	.....	.....	100	100	100	100	100	100	100	100
Wabash.....	.....	.....	.....	.....	95	75	92	100	75	72	100	95
Warren.....	.....	90	90	.....	103	77	81	97	77	78	96	79
Washington.....	102	100	100	100	100	52	92	100	94	72	92	97
Wayne.....	.....	120	100	.....	93	60	95	97	75	46	100	103
White.....	.....	.....	.....	105	100	40	40	100	.....	.....	100	100
Whiteside.....	100	95	87	.....	100	100	95	100	80	105	100	90
Will.....	75	.....	.....	.....	100	50	75	100	100	50	100	100
Williamson.....	.....	75	100	60	94	42	100	99	65	59	96	87
Winnebago.....	57	90	90	75	90	80	115	100	87	75	92	103
Woodford.....	100	100	90	100	105	96	96	100	85	87	100	100

YOUNG LIVE STOCK.

COUNTIES.	PIGS.		LAMBS.		CALVES.		COLTS.				
	Number.	Condition.	Number.	Condition.	Number.	Condition.	Number.	Condition.	Value at weaning time.	Lost prior to weaning—per cent.	Average cost of service.
Adams.....	92	100	95	100	102	100	95	100	\$35	10	\$10
Alexander.....	95	87	75	100	100	105	100	100	25	1	8
Bond.....	102	103	99	100	100	100	102	99	33	7	9
Boone.....	98	100	95	100	100	98	103	100	37	15	11
Brown.....	80	93	92	100	83	98	80	97	44	8	10
Bureau.....	95	92	92	95	101	101	91	90	40	4	13
Calhoun.....	120	100	90	100	100	100	75	100	30	10	8
Carroll.....	87	97	105	105	96	100	72	100	30	33	12
Cass.....	110	110	.....	.....	100	100	100	110	50	5	15
Champaign.....	90	100	100	100	100	100	90	100	45	10	11
Christian.....	71	94	88	98	84	98	99	96	45	7	12
Clark.....	95	85	93	97	94	101	93	95	39	9	9
Clay.....	105	100	88	100	93	100	100	100	37	10	9
Clinton.....	102	100	75	97	96	100	94	96	34	8	11
Coles.....	95	99	87	100	90	101	84	90	51	23	11
Cook.....	100	100	100	100	101	100	97	99	41	7	13
Crawford.....	102	96	80	102	102	104	89	100	42	8	8
Cumberland.....	101	104	110	107	107	102	114	104	39	1	12
DeKalb.....	88	97	100	100	100	100	77	95	40	12	12
DeWitt.....	100	100	160	100	80	100	100	100	35	5	12
Douglas.....	100	100	99	100	85	87	90	100	40	15	11
DuPage.....	86	97	97	100	102	101	96	100	41	11	13
Edgar.....	91	92	104	100	94	97	96	95	32	3	13
Edwards.....	96	89	90	102	94	102	107	97	49	10	12
Effingham.....	103	100	97	100	93	90	102	97	32	17	7
Fayette.....	110	105	112	100	87	105	95	100	37	5	8
Ford.....	82	102	100	110	86	100	87	99	44	17	12
Franklin.....	95	70	79	97	90	99	84	82	47	10	10
Fulton.....	81	96	95	97	97	99	86	92	42	15	11
Gallatin.....	88	100	90	100	100	80	105	100	40	10	11
Greene.....	93	90	92	95	97	97	102	97	47	5	14
Grundy.....	105	95	.....	.....	95	100	100	100	30	15	15
Hamilton.....	150	100	100	100	120	100	100	100	50	10	6
Hancock.....	96	91	92	100	97	100	95	97	39	7	10
Hardin.....	80	87	82	100	101	160	105	100	40	10	8
Henderson.....	80	90	110	100	100	100	100	97	43	10	16
Henry.....	97	97	100	100	97	100	86	93	38	15	13
Iroquois.....	93	84	100	100	88	99	98	98	36	0	11
Jackson.....	100	100	100	100	100	100	100	100	40	.....	10
Jasper.....	99	94	95	97	97	100	96	98	42	16	11
Jefferson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jersey.....	90	100	80	100	100	100	95	100	30	2	12
JoDavies.....	91	95	117	102	94	95	86	95	31	15	12
Johnson.....	100	100	100	100	100	100	95	100	50	5	8
Kane.....	98	101	105	102	93	100	102	100	32	7	12
Kankakee.....	100	100	.....	.....	100	100	102	95	30	2	12
Kendall.....	85	95	100	100	101	100	100	95	.....	.....	15
Knox.....	89	99	95	101	100	100	88	100	40	10	13
Lake.....	98	100	.....	.....	100	100	100	98	40	10	15
LaSalle.....	100	95	102	100	94	95	96	101	38	11	14
Lawrence.....	105	100	97	100	100	100	97	100	40	.....	11
Lee.....	73	100	92	100	103	100	91	92	36	5	12

YOUNG LIVE STOCK—Continued.

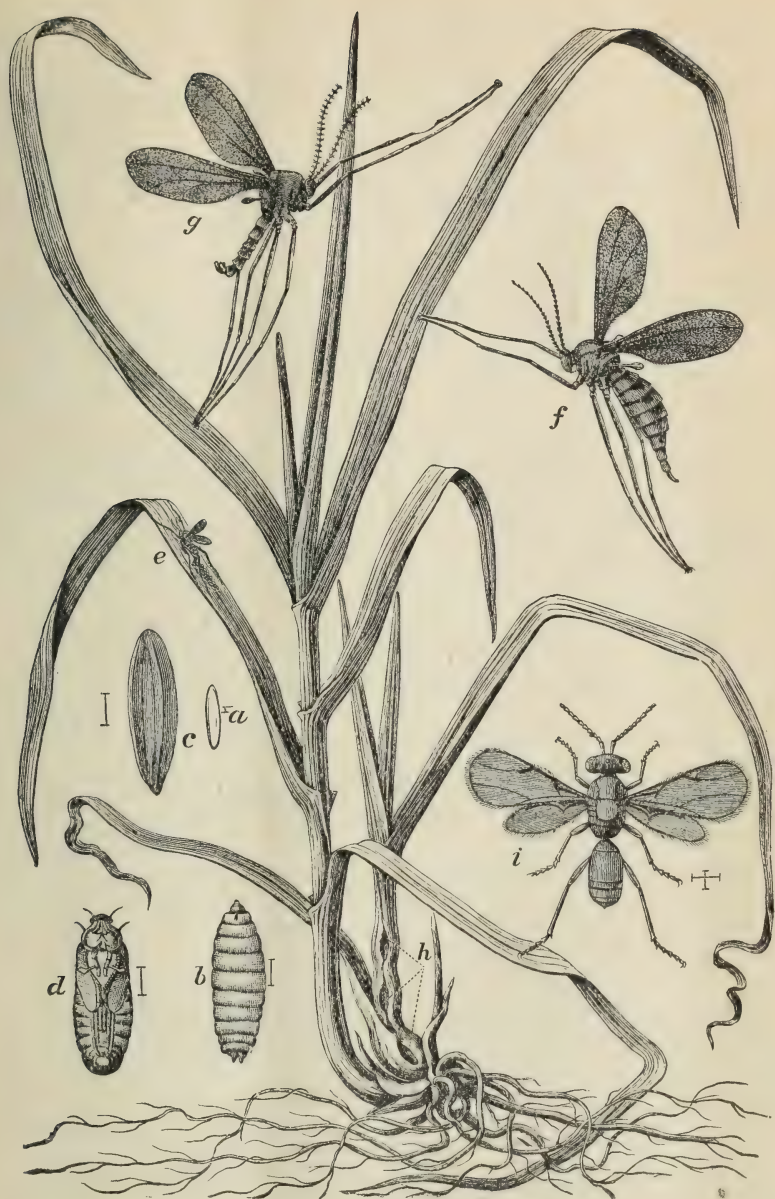
COUNTIES.	PIGS.		LAMBS.		CALVES.		COLTS.				
	Number.	Condition.	Number.	Condition.	Number.	Condition.	Number.	Condition.	Value at weaning time.	Lost prior to weaning—per cent.	Average cost of service.
Livingston.....	82	92	82	100	97	98	103	100	\$ 50	7	\$ 12
Logan.....	112	105	105	100	105	105	112	112	50	15	15
Macon.....	80	100	100	100	91	100	87	95	42	17	13
Macoupin.....	88	101	99	100	96	100	100	100	41	2	10
Madison.....	105	102	99	100	99	100	98	102	43	6	13
Marion.....	97	102	92	102	103	100	88	85	47	17	9
Marshall.....	96	96	101	101	97	97	91	93	47	12	16
Mason.....	69	85	90	90	87	97	73	95	46	7	11
Massac.....	100	100	100	100					25		8
McDonough.....	117	97	100	100	100	100	85	100	42	12	12
McHenry.....	104	100	100	102	100	100	92	100	36	7	11
McLean.....	90	95	92	100	94	99	95	101	52	11	13
Menard.....	103	100	100	100	90	100	88	98	35	7	12
Mercer.....	81	92	100	100	95	100	85	94	40	17	12
Monroe.....	125	100	100	100	105	100	95	100	25	5	10
Montgomery.....	102	101	99	105	98	101	93	100	36	9	11
Morgan.....	100	100	110	105	100	100	93	93	55	5	13
Moultrie.....	97	100	76	100	97	99	100	98	40	7	11
Ogle.....	94	94	90	92	100	97	89	94	35	18	11
Peoria.....	93	97	97	102	98	102	82	93	37	18	14
Perry.....	97	101	107	102	95	97	101	97	40	3	10
Piatt.....	95	90	100	105	100	100	90	100	40	20	13
Pike.....	97	92	112	100	90	100	112	100	45	5	11
Pope.....	87	125	105	100	95	100	110	100	42	7	7
Pulaski.....											
Putnam.....	99	98	102	102	100	102	86	98	45	22	13
Randolph.....	103	100	100	100	102	100	92	99	43	4	13
Richland.....	90	90	85	100	100	97	105	97	27	6	10
Rock Island.....	87	101	100	100	99	99	86	100	39	10	13
Saline.....	100	93	93	101	98	98	101	95	43	4	10
Sangamon.....	100	100	100	100	85	100	60	100	40	10	16
Schuyler.....	105	100	93	100	100	100	95	100	42	8	9
Scott.....	90	100	102	100	100	100	97	100	40	5	12
Shelby.....	105	102	92	97	87	100	99	100	41	5	9
Stark.....	95	102	104	102	97	100	100	101	45	12	13
St. Clair.....	107	102	97	100	97	95	98	100	37	5	12
Stephenson.....	89	97	97	100	92	93	77	78	31	25	9
Tazewell.....	95	100	91	97	97	101	89	99	47	8	13
Union.....	102	100	90	100	98	101	102	100	43	3	13
Vermilion.....	100	100	100	100	100	100	90	100	30	20	12
Wabash.....	90	95	100	100	85	85	95	95	45	7	11
Warren.....	95	99	100	99	98	99	95	98	39	9	12
Washington.....	105	105	100	105	102	105	100	100	37	5	9
Wayne.....	110	107	95	103	105	102	103	100	41	3	8
White.....	98	93	102	100	102	87	102	85	42	8	8
Whiteside.....	85	95	100	110	92	100	82	100	35	16	10
Will.....	100	100	100	100	75	100	75	100	40	10	10
Williamson.....	97	83	95	89	93	99	100	97	46	4	8
Winnebago.....	85	100	90	100	98	95	80	85	35	11	13
Woodford.....	101	100	100	100	95	102	97	100	49	9	18

CROP REPORT.

IRISH POTATOES.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
COUNTIES		Acreage compared with 1889.	Condition June 20, 1890.	Condition June 20, 1889.	COUNTIES.		Acreage compared with 1890.	Condition June 20, 1890.	Condition June 20, 1889.	COUNTIES.	
Roone.....	100	98	104	100	Adams.....	100	100	100	83	Alexander.....	100
Bureau.....	101	99	97	100	Brown.....	100	100	100	100	Bond.....	105
Carroll.....	90	99	119	90	Calhoun.....	90	100	100	97	Clay.....	104
Cook.....	100	99	110	97	Cass.....	97	100	107	100	Clinton.....	91
DeKalb.....	97	93	108	100	Champaign.....	100	100	93	99	Crawford.....	102
DuPage.....	100	99	120	100	Christian.....	100	92	99	96	Edwards.....	100
Henderson.....	*96	*102	*95	103	Clark.....	98	100	95	95	Effingham.....	101
Henry.....	100	100	105	102	Coles.....	103	97	100	100	Payette.....	103
Iroquois.....	101	97	102	100	Cumberland.....	102	106	107	104	Franklin.....	107
Jo Daviess.....	95	100	103	100	Douglas.....	100	50	100	103	Gallatin.....	100
Kane.....	100	101	104	101	Edgar.....	101	102	87	87	Hamilton.....	95
Kankakee.....	100	101	104	99	Ford.....	99	102	105	80	Hardin.....	100
Kendall.....	95	95	97	93	Fulton.....	93	98	95	100	Jackson.....	105
Knox.....	95	102	105	100	Greene.....	95	92	110	96	Jasper.....	95
Lake.....	100	95	115	100	Hancock.....	100	100	100	100	Jefferson.....	110
LaSalle.....	91	100	105	100	Jersey.....	100	85	90	95	Johnson.....	95
Lee.....	91	103	100	100	Logan.....	98	100	102	100	Lawrence.....	100
Livingston.....	99	90	100	100	Macon.....	100	101	100	100	Madison.....	95
Marshall.....	97	97	98	102	Macoupin.....	97	95	92	97	Marion.....	102
McHenry.....	101	100	109	103	Mason.....	102	100	97	100	Massac.....	90
Mercer.....	94	89	100	99	McDonough.....	99	96	103	97	Monroe.....	90
Ogle.....	95	82	97	93	McLean.....	99	96	103	100	Perry.....	104
Peoria.....	90	88	110	97	Menard.....	93	93	100	100	Pope.....	79
Putnam.....	100	101	107	100	Montgomery.....	97	89	102	100	Pulaski.....	50
Rock Island.....	100	95	101	97	Morgan.....	97	92	101	100	Randolph.....	102
Stark.....	98	106	104	100	Moultrie.....	97	95	87	100	Riehlend.....	103
Stephenson.....	100	92	100	100	Pike.....	100	105	106	85	Saline.....	95
Warren.....	94	95	107	98	Platt.....	100	100	98	100	St. Clair.....	100
Whiteside.....	100	100	105	100	Sangamon.....	100	100	98	89	Union.....	95
Will.....	100	100	106	100	Schuyler.....	100	105	110	90	Wabash.....	100
Winnebago.....	85	107	111	100	Scott.....	100	100	105	96	Washington.....	97
Woodford.....	102	101	110	97	Shelby.....	97	102	102	90	Wayne.....	103
Average.....	97	96	105	100	Tazewell.....	96	102	116	70	White.....	102
					Vermilion.....	100	100	103	91	Williamson.....	100
					Average.....	98	97	100	83	Average.....	83

*Estimated.



THE HESSIAN FLY.

The very general occurrence of the Hessian fly this season in destructive numbers in parts of Central Illinois where it is but little known by the practical farmer, and where the most important preventive measures are not commonly understood, makes it desirable that a general account of the principal facts in its life history and economic relations should be now presented.

The views of the history and habits of this insect current among those who suffer from its ravages, are often confused and largely erroneous, chiefly because the egg is minute and almost never seen by the ordinary observer, the young maggot being commonly mistaken for it,—and because very few have ever recognized or seen the adult winged insect. (A report widely circulated throughout the country this summer of great damage to wheat in Central Illinois by a "saw fly," originated in a mistaken observation on the Hessian fly, as I have learned by tracing the story to its beginning.)

The Hessian fly is, in this State, practically a wheat insect only, its occurrence here in rye being merely occasional. Each generation goes through the four distinct stages of (1) the egg, (2) the maggot or larva, (3) the pupa or "flaxseed," and (4) the adult or winged insect. The injury is done wholly in the second of these stages,—the "flaxseed" being dormant, a stage of transformation merely from the maggot to the winged fly—and the latter being itself entirely harmless.

There are always two destructive generations in a single year, and under some circumstances at least three. In fact, I have obtained evidence this spring from breeding cage and experimental work in the new insectary * of the office, that there may be even *four* generations which attack the wheat with destructive effect,—*two* in spring and *two* in autumn. The *principal* injuries, however, are done by the *last autumnal* and the *first spring* generations.

The eggs are a slender oval, about a fiftieth of an inch in length, and small enough to lie lengthwise in the grooves upon the upper surface of the leaf of the wheat. Those for the principal autumn brood of the maggots are laid most commonly on the leaf of the young wheat. The maggot hatching from these makes its way down the leaf to the base of its sheath near the root, and here this milk-white, oval, smooth, larva remains almost motionless, until it gets its growth,—commonly in November,—after which it forms a tough, smooth, dark brown case, within which it spends the winter, still in the same position. From this case (the "flaxseed" above mentioned) the winged insect bursts forth about the

*Another fruit of our first season's work in this new building is a demonstration of what I have long suspected to be the fact, that the current life history of our common white grubs is mistaken. All our most abundant species complete their growth as grubs in midsummer or early autumn, and form both pupa and adult beetle the same season, hibernating in the earth in this last stage, and coming out in May or June of the next year. Where these grubs are injurious in the fall, they may be expected as a rule, to be even more destructive in the same fields the following spring.

first of the following April, in the form of a delicate, nearly black, two-winged fly or gnat, which has a very close general resemblance to a small mosquito. The sexes pair at once, and the eggs for another generation are laid almost immediately in the field, the adults perishing soon thereafter.

The maggots hatching from these spring eggs go through the same course of development, at the base of the stalk, behind the sheath of the leaf, and do the principal part of the damage noticed in spring, causing the well-known "crinkling" or falling down of the straw as the wheat heads out. Many of the winged flies of this brood hatch some time before harvest, beginning to appear, in fact, by the end of May, and these lay eggs at once and give rise to a *second spring* brood,—a fact clearly established this season by breeding experiments at Champaign. By harvest practically all are in the so-called flaxseed state, and the greater part of them remain behind in this condition in the stubble after the grain is cut. A few, however, are carried away with the straw. From these harvest-time flaxseeds the fall generations descend, the first of them appearing either in the volunteer grain or in early sown wheat, and the second—the hibernating generation already referred to—in wheat of the regular crop. The laying of the eggs for the first of these generations certainly begins by September 1st, and apparently somewhat earlier. The average length of life of one generation or brood (except the hibernating one), from any stage around to the same stage again, is about six weeks.

We have as yet no full knowledge of the history of the Hessian fly in July and August, but from the present promise of my experiments I do not doubt that we shall make it out this summer. It seems very likely from what I have already learned that still another partial generation will be found in midsummer, where everything favors its development.

It is, however, a fact of considerable economic interest that this division into generations is not anywhere complete, but that flaxseeds of any generation may lie dormant during the whole life of a generation following, finally hatching with the descendants of their original contemporaries. Thus, of those flaxseeds which form in May and June, some may give the winged fly in June and July and others not until September; and some of those which form in volunteer wheat in September, may hibernate and emerge the following spring.

My experiments made to test the possibility that the Hessian fly will breed in wild and meadow grasses have thus far yielded negative results. This life history, complicated as it is, will repay careful study by every wheat farmer, for on it must be based all practical measures for the prevention of injury to the wheat.

The most important general preventive and remedial measures are the following:

1. As a large percentage of these insects remains in the stubble at harvest, in the flaxseed state, and as the flies which hatch from them later are weak and delicate, the ground may well be plowed as soon after harvest as practicable, and rolled to close the cracks through which the winged insects might escape. If the stubble can be made to burn, this will, of course, destroy the flaxseeds even more effectually.
2. The volunteer grain springing up in the fields must be closely watched, and measures taken to destroy it about four weeks after its appearance, as it will otherwise assist to carry the insect through the summer in undiminished or perhaps larger numbers. The most convenient method of doing this will depend so much upon the season and the cropping planned, that each must select his method for himself.
3. Such of the flaxseeds as are carried away in the grain may be destroyed by burning the screenings from the thresher, if the wheat is threshed at once.
4. To prevent the wheat from becoming infested in fall by the first autumnal brood, and to escape as much as possible of the second, the sowing of the wheat may, with advantage, be postponed as late as is consistent with its reasonable safety from winter-killing,

to the last of September or the first of October, according to the common practice in the southern half of Illinois.

5. The damage done by any but the severest kind of an attack will depend, other things being equal, on the fertility of the soil and the strength of the plant. If the latter be strong enough to send out from the root new and vigorous stalks to replace those killed by the maggots of the fly, a considerable amount of fly attack may be scarcely noticeable at harvest time. From this it follows that the maintenance of the fertility of the soil is often a measurable safeguard against loss. I have no doubt that the soluble commercial fertilizers applied in spring to infested fields would have a happy effect, whether with profit or not can only be tested by experiment.

6. Finally, other things being equal, those varieties of wheat with a stiff and flinty stem, and those which tiller somewhat freely from the root, will suffer least under fly attack—the first because the straw will not so readily bend or break at the point weakened by the maggot; and the second because the flies of the second spring brood select fresh young shoots for the desposition of their eggs in preference to the older and tougher stalks, with the effect to kill only these valueless sprouts and to diminish by so much the injury to the heading stems.

Minor remedies and many other points of interest must be omitted here for want of space; and I conclude by cordially inviting correspondence from the farmers of the State and from others interested in insects affecting wheat.

S. A. FORBES,

State Entomologist.

CHAMPAIGN, June 23, 1890.

EXPLANATION OF PLATE.—PAGE 31.

The Hessian fly and its transformations. A healthy stalk of wheat on the left, the one on the right dwarfed and the lower leaves beginning to wither and turn yellow; the stem swollen at three places near the ground, where the flaxseeds (*h*) are situated, between the stem and sheathing base of the leaf.

a. Egg of the Hessian fly (greatly enlarged, as are all the figures except *e* and *h*); *b*, the maggot, enlarged, the line by the side, in this and other figures, showing the natural length; *c*, the flaxseed, puparium, or pupa case; *d*, the pupa or chrysalis; *e*, the Hessian fly, natural size, laying its eggs in the creases of the leaf; *f*, female Hessian fly much enlarged; *h*, flaxseed between the leaves and stalk; *i*, parasite of the Hessian fly, male, enlarged.

THE GROWTH OF ORCHARDS.

From a few scattered orchards, the people of the Southern Illinois fruit belt ascertained that it was possible for them to raise as good fruit as is grown any where, and within the past five or six years have had the good sense to profit by that knowledge to set out commercial orchards.

In a recent copy of the "Wayne County Record", one of the live county papers of the fruit belt referred to, there appeared a partial and hastily prepared statement of the extent of the orchards in the immediate vicinity of Fairfield. Nearly all of the acreage spoken of in this article lies within a radius of five miles of Fairfield, and consists of trees planted within the past six or seven years, and at least fifty per cent. of the number named has been set

out within the past eighteen months. In all parts of Wayne County, people are giving increased attention to the growth of fruit. Larger areas of apple and other fruit trees were planted this spring than ever before and the tendency is still increasing.

The prospect for this year's crop is not so good as we had hoped for, but the quality promises to be of the very best.

Our orchardists are alive to the notion that the best of care is required in the growth of the apple tree, and as a result young orchards are in a healthy condition and their growth this year bids fair to exceed that of any other like period.

Within a radius of five miles of Fairfield there are nearly 200,000 growing apple trees, (exclusive of the numerous small home orchards,) 75,000 of which I should say were planted in the fall of 1889 and spring of 1890. Of the 200,000 trees above mentioned not more than 5,000 were yet in bearing last year and many of these were only just coming into bearing, and for that reason only a partial crop was procured. It is claimed, however, that 50,000 barrels of apples were shipped from this point last fall. While nearly every farmer has a small orchard which supplies his family and yields a surplus for the market, yet we have but few commercial orchards in full bearing and from these their owners last year realized from one hundred and fifty to three hundred and fifty dollars per acre, and I have no doubt but that some acres in such orchards produced more than three hundred and fifty dollars (\$350) worth of apples.

The varieties planted so far have been almost entirely winter fruit, chiefly Ben Davis, of which variety our soil, it is believed, produces the finest apple shown in any market.

Our orchardists are now inclined to the growth of summer and fall varieties as well. Our farmers have in their home orchards Maiden Blush and Jonathan, both of which varieties produce well and mature fine specimens of those fruits and have been very profitable. We confidently expect to take front rank in the production of these varieties.

Another industry our farmers are looking to is the growth of raspberries and strawberries, from both of which shipments have been made the present season, and the acreage is being very largely increased. The price has been very low for both of these fruits this year and yet our producers have realized handsome profits.

R. D. A

STRAWBERRIES.

The strawberry crop for 1890 was a failure financially, to the producer. This statement will cover all of what is known as "Egypt" in this State. The increase of acreage over that of 1889 is about 25 or 30 per cent. The increase for 1891 will be largely in excess of this. The extent of planting this spring was probably never exceeded in Southern Illinois—the result of the profitable crops in 1888 and 1889. The discouragements to cultivators of present crop may have an influence on crop for 1891 by reason of neglect, etc. The yield for 1890 was a fair average. Much of the fruit, however, was not marketed on account of low prices. Size also was a fair average, but quality was inferior, lacking flavor. No doubt the heavy spring rains up to picking season, and the unusually hot weather that followed to its close was the cause of this. While the fruit marketed was in excess of that of last year, it was not sufficient to cause the difference in price. The reason was such as to render it almost impossible to put fruit on the market in good order. Add to this, the

fact that fruit was being shipped from Villa Ridge 150 miles north at the same time, and you will understand why there was a glut from beginning to close of season, and unusually low prices throughout.

The aggregate net returns will not cover the cost of producing the crop and placing it on the market. In order to secure better condition of fruit on arrival, and for the purpose of more widely distributing the same, and, of course, at increased expense, refrigerator cars were largely made use of. As a rule these were a failure and caused heavy loss to shippers, the ventilated car proving safer and better, even on long shipments. It is charged and believed by some, that on account of the scarcity and high price of ice, the disposition of the refrigerator men to economize in its use caused the trouble. If this be so, they will probably learn in the future that it was rather an expensive economy.

B. P.

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ILLINOIS STATE FAIR—PEORIA, SEPTEMBER 29--OCTOBER 3, 1890.
AMERICAN FAT AND LIVE STOCK SHOWS—CHICAGO, NOVEMBER 13-22, 1890
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 13-22, 1890.
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 13-22, 1890.

STATISTICAL REPORT

—OF—

—ILLINOIS—

State Board of Agriculture,

—FOR—

AUGUST 1, 1890.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

MADE TO THE

ILLINOIS STATE BOARD OF AGRICULTURE.

W. C. GARRARD, Secretary,

SPRINGFIELD.

CIRCULAR 150.

Illinois State Board of Agriculture.

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ILLINOIS CROP REPORT,

—FOR—

AUGUST 1, 1890.

Synopsis of the Reports of Correspondents upon the Condition of the Growing
Crops, Etc.

ILLINOIS STATE BOARD OF AGRICULTURE, }
SPRINGFIELD, August 1, 1890. }

The information contained in this circular was obtained from the reports of correspondents mailed to this office the first of August.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to this Department.

A large number of the correspondents have been reporting to this office during the past fourteen years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality,

The State covers such an extended area from north to south (385 miles) and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of crops.

More difficulty has been experienced this year in obtaining the agricultural statistics from assessors, than for many years. Many of the farmers of the country seem to be imbued with the idea that these statistics are used for the purposes of taxation, although such is far from being the case. They also claim that speculators, only, receive any profit from the published reports and so decline to furnish the assessors with the desired items.

Were every law in the country relating to the collection, compilation and publishing of agricultural statistics repealed tomorrow, the Boards of Trade and other speculators would still have the same means of estimating the condition and yield of the various crops that they have today, viz: paid agents who travel throughout the country, examining the fields, and making regular reports.

It is to be hoped that so intelligent a body of men as the farmers of Illinois will rapidly disabuse their minds of these false impressions, and do all in their power to assist the State Board of Agriculture in its efforts to obtain accurate knowledge of the agricultural resources and products of the State.

The month of July was one of unusual drouth and high temperature, and much damage was done to growing vegetation of every description.

The corn crop and pasturage has suffered in some portions of the State to an alarming extent. Out of the one hundred and two counties in Illinois only four do not complain of the lack of precipitation and its damaging effect on growing crops, showing that the drouth is general, covering the entire State, from the extreme north to Cairo.

WHEAT.

The measure at the machine confirms the estimates made by this Department early in the season on wheat.

The total area harvested (both winter and spring wheat) was 1,215,797 acres, or 836,591 acres less than in 1889. But once since 1860 has a smaller area of wheat been harvested in this State, in 1885.

The quality of the berry is generally up to the average, but there is a greater amount of ches in the wheat than usual.

The price received for wheat, 82 cents, is the highest price obtained since 1885, but the small area harvested reduces the total value of the crop to \$11,987,201.

The following table gives the area, yield and value of the wheat crop of the State during the last thirty-one years:

WHEAT—(Spring and Winter.)

Year.	Number of acres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	+Cost of production p. acre.	Total cost of production.	Profit.	Loss.
1860.....	2,109,471	11.3	23,837,023	\$0 85	\$20,261,469	\$9 60	\$10 55	\$22,254,919	\$1,993,450	
1861.....	2,109,471	11.3	23,837,023	71	16,927,284	8 02	10 55	22,254,919	5,330,635	
1862.....	2,300,994	14	32,218,500	76	24,482,262	10 64	10 55	24,275,170	207,092	
1863.....	2,617,347	12	31,408,183	1 05	32,978,571	12 59	10 55	27,613,211	5,365,560	
1864.....	2,328,763	14.3	33,371,173	1 55	51,725,3 8	22 21	10 55	27,568,450	27,156,868	
1865.....	2,296,977	11	25,266,745	1 09	27,541,732	12 00	10 55	24,233,107	3,308,625	
1866.....	2,196,263	18	28,551,421	1 93	55,104,243	25 09	10 55	23,170,575	31,933,668	
1867.....	2,456,140	11.4	28,060,000	1 97	55,560,000	22 45	10 55	26,912,177	29,247,723	
1868.....	2,483,478	11.5	28,560,000	1 20	34,272,000	13 80	10 55	26,200,692	8,071,308	
1869.....	2,607,142	11.2	28,300,000	76	22,192,000	8 51	10 55	27,505,348	5,313,348	
1870.....	2,259,538	12	27,115,000	94	25,488,100	11 28	10 55	23,838,600	1,649,500	
1871.....	2,050,081	12.3	25,206,000	1 18	29,754,880	14 51	10 55	21,628,354	8,126,526	
1872.....	2,042,231	12.1	24,711,000	1 23	30,394,830	14 88	10 55	21,546,537	8,848,993	
1873.....	2,104,963	13.5	28,417,000	1 10	31,258,700	14 84	10 55	22,207,361	9,051,540	
1874.....	2,619,304	11.5	30,122,000	86	25,904,920	9 88	10 55	27,633,657	1,728,737	
1875.....	2,600,000	10.5	27,300,000	91	24,843,000	6 55	10 55	27,430,000	2,587 000	
1876.....	2,520,430	9.3	23,440,000	93	21,799,200	8 64	10 55	26,590,536	4,791,336	
1877.....	1,977,745	16.4	32,490,556	1 15	38,002,082	19 22	10 55	20,865,210	17,136,872	
1878.....	2,324,755	14.6	33,883,398	80	27,059,460	11 64	10 55	24,526,165	2,533,295	
1879.....	2,440,808	18 ½	45,417,661	87	39,930,639	16 36	10 55	21,750,535	14,180,104	
1880.....	3,256,350	17 ½	56,508,409	82	46,497,160	14 27	10 55	24,854,650	11,642,610	
1881.....	3,642,589	7 ½	22,374,163	1 07	24,133,780	7 90	10 55	32,499,238	8,365,458	
1882.....	2,846,117	18 ½	52,323,261	89	46,714,376	16 41	10 70	30,477,274	16,237,102	
1883.....	2,047,956	10	20,347,502	95	19,337,063	9 50	11 10	22,695,812	3,358,749	
1884.....	2,717,592	15	33,611,245	76	25,410,014	9 35	10 75	29,272,419	3,862,400	
1885.....	1,068,364	7	8,299,243	86	7,162,292	6 70	10 65	11,358,311	4,196,019	
1886.....	1,991,336	14	28,254,086	74	18,865,383	9 47	10 75	21,423,465	2,558,082	
1887.....	2,391,297	16	38,676,486	65	25,032,982	10 47	10 90	26,070,347	1,050,365	
1888.....	2,277,001	15	34,317,920	70	24,128,437	10 60	9 50	21,632,132	2,496,305	
1889.....	2,052,388	18	37,201,916	70	26,093,250	12 71	9 48	19,460,043	6,633,207	
1890.....	1,215,797	12	14,663,037	82	11,987,201	9 86	10 25	12,460,856	473,655	

+1860—1881 estimated same as reported for 1880.

WINTER WHEAT.

The area seeded to winter wheat last fall, 1,705,458 acres, was nearly 7 per cent. less than that seeded in 1888; and when from this area is deducted nearly 34 per cent. winter-killed or destroyed by Hessian fly, the area remaining for harvest is but 1,126,424 acres.

The average yield per acre in the northern division, 17 bushels, is larger than that of the central and southern, where the average yield was 13 and 10 bushels respectively. The largest yield per acre was 22 bushels, in Putnam county. In the central division, Tazewell county reports 20 bushels per acre, and in the southern, Jackson county reports 15 bushels per acre.

A table published elsewhere gives the area, yield, and value of the winter wheat crop in each county in the State.

SPRING WHEAT.

The area devoted to spring wheat, 89,373 acres, is 25 per cent. less than that of last year.

The average yield per acre in the northern and southern divisions was 12 bushels, and in the central, 16 bushels.

A table published elsewhere in this report gives the area, yield and value of the spring wheat crop in each county of the State.

OATS.

The area seeded to oats this season, 3,663,936 acres, is 145,894 acres less than the area of 1889.

The average yield per acre of 24 bushels, is the smallest yield since 1876. The total yield amounts to 75,904,941 bushels. The grain plant louse, is largely responsible for this condition of things, though the reduced area is partially due to the wet spring which prevented planting.

The ravages of the grain plant louse were greatest in the southern division of the State, where the average yield per acre was but 4 bushels. In seven counties in this division the oat crop was a total failure, and in but five was there an average yield of 10 bushels per acre. Many farmers in this section did not attempt to cut their oats, and a few cut them with a scythe.

In central Illinois the average yield per acre was 24 bushels. The largest yield in this division was 40 bushels in Schuyler county, while McDonough and McLean each report 33 and Tazewell county 32 bushels per acre.

The average yield per oats in the northern division of the State was 28 bushels. In Woodford county the yield was 42 bushels, and in no county in this division was the average yield less than 20 bushels.

The following table gives the area, yield and value of the oat crop of the State during the past thirty-one years:

Year.	Number of acres.	Average yield per acre—bushels.	Bushels produced	Price per bushel—cents.	Total value.	Value per acre.	*Cost of production per acre.	Total cost of production.	Profit.	Loss
1860.....	543,572	28	15,220,029	80 21	\$3,957,207	87 28	89 40	5,109,577	.....	\$1,152,370
1861.....	543,572	28	15,220,039	19	2,891,805	5 32	9 40	5,109,577	.....	2,217,772
1862.....	894,610	20	17,892,200	45	4,294,128	4 80	9 40	8,409,334	.....	4,115,206
1863.....	820,059	24	19,681,420	50	11,011,595	13 44	9 40	7,708,555	\$3,313,040	.....
1864.....	779,003	31	24,273,571	61	14,806,988	19 00	9 40	7,322,628	7,484,360	.....
1865.....	802,521	31	28,088,197	24	6,741,167	8 40	9 40	7,543,688	.....	802,521
1866.....	883,952	34	30,054,370	33	9,917,94	11 21	9 40	8,309,119	1,608,793	.....
1867.....	1,068,375	30	32,058,000	49	15,757,420	14 74	9 40	10,042,697	5,714,723	.....
1868.....	1,018,150	32	32,479,000	39	12,666,810	12 44	9 40	9,570,610	3,096,200	.....
1869.....	1,099,201	32	35,726,000	37	13,218,620	12 02	9 40	10,333,053	2,885,507	.....
1870.....	1,480,846	26	38,509,000	32	12,320,640	8 32	9 40	13,919,952	.....	1,599,312
1871.....	1,163,202	33	38,502,000	28	10,770,569	8 26	9 40	10,934,099	.....	153,539
1872.....	1,178,196	36	43,122,040	19	8,294,180	6 95	9 40	11,075,042	.....	2,881,862
1873.....	1,178,666	30	35,360,000	28	9,900,800	8 31	9 40	11,079,460	.....	1,178,660
1874.....	1,818,514	17	31,221,000	45	14,320,800	7 87	9 40	17,094,032	.....	2,773,232
1875.....	2,272,72	33	75,000,000	28	22,000,000	9 24	9 40	21,363,634	.....	363,634
1876.....	2,400,000	20	48,000,000	26	12,480,000	5 20	9 40	22,560,000	.....	10,080,000
1877.....	1,556,194	39	61,145,983	26	16,269,647	10 45	9 40	14,628,234	.....	1,641,423
1878.....	1,757,959	30	53,423,555	20	10,684,911	6 07	9 40	16,524,728	.....	5,839,817
1879.....	1,631,139	33	54,664,569	22	12,059,162	7 39	9 40	15,332,706	.....	3,273,544
1880.....	1,744,391	35	62,709,002	24	12,858,247	8 40	9 40	17,375,108	.....	4,516,861
1881.....	1,922,389	35	68,644,514	3	21,022,267	10 50	9 40	19,090,119	1,932,048	.....
1882.....	2,461,655	40	99,275,380	41	41,062,611	16 40	9 85	24,316,329	16,746,282	.....
1883.....	2,740,959	38	104,299,230	26	27,403,706	9 88	9 85	27,061,660	341,046	.....
1884.....	2,867,560	36	102,411,665	25	26,047,256	9 08	9 85	28,254,143	.....	2,206,887
1885.....	3,159,585	36	114,344,387	24	28,098,984	8 89	9 75	30,863,626	.....	2,764,640
1886.....	3,337,455	34	113,247,644	26	29,042,381	8 70	9 80	32,644,177	.....	3,601,796
1887.....	3,643,861	30	110,006,640	23	25,625,744	7 03	9 75	35,473,984	.....	9,848,240
1888.....	3,809,830	40	151,172,782	24	36,264,246	9 52	9 40	35,917,979	352,297	.....
1889.....	3,663,936	39	142,150,811	20	28,981,064	7 91	9 45	34,573,894	.....	5,592,770
1890.....	3,614,805	24	75,904,941	29	21,902,460	6 92	8 96	28,361,408	.....	6,458,948

+1860-1881 estimated same as reported for 1881.

RYE.

The area devoted to rye this season is but 153,118 acres, and the total yield, 2,433,640 bushels, or an average yield of 16 bushels per acre.

The average price per bushel, 44 cents, is somewhat higher than the prevailing prices for the last three years but the total value of the crop, \$1,065,992, is less than that of any rye crop since 1869.

Over 90 per cent. of the rye raised in this State is obtained from the northern division, where the area was 138,605 acres and the yield 2,220,705 bushels. In the counties of White-side and Winnebago over 200,000 bushels of rye was produced.

CROP REPORT.

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The following table gives the area, yield and value of the past thirty-one rye crops grown in the State:

Year.	Number of acres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	*Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	59,455 16		951,281	\$0 49	\$466,127	\$7 87	\$9 80	\$582,659		\$116,532
1861.....	59,455 16		951,281	44	323,435	5 44	9 80	582,959		259,224
1862.....	49,066 20		981,322	43	421,968	8 60	9 80	480,847		58,879
1863.....	55,199 16		833,190	74	653,561	11 84	9 80	540,950	\$112,611	
1864.....	56,671 15		850,071	1 01	862,822	15 22	9 80	555,376	307,446	
1865.....	51,004 18 1/4		833,069	49	410,977	8 00	9 80	499,839		88,862
1866.....	42,721 16 6		666,455	79	526,500	12 32	9 80	418,666	107,834	
1867.....	42,609 15		639,000	1 19	760,410	17 85	9 80	417,480	342,930	
1868.....	37,814 16 2		645,000	93	599,850	15 06	9 80	490,177	109,673	
1869.....	46,875 14 4		675,000	61	432,000	9 32	9 80	459,375		27,375
1870.....	136,286 16 4	2,235 000		60	1,341,000	9 34	9 80	1,335,544	5,356	
1871.....	113,033 17 8	2,190,000		56	1,226,400	9 96	9 80	1,205,723	20,677	
1872.....	122,154 18 1	2,211,000		50	1,105,500	9 05	9 80	1,197,109		91,609
1873.....	134,064 15	2,087,000		58	1,205,240	9 00	9 80	1,313,827		108,587
1874.....	132,208 15 4	2,036,000		71	1,445,560	10 93	9 80	1,295,638	149,922	
1875.....	157,572 16 5	2,600,000		61	1,586,000	10 06	9 80	1,544,205	41,795	
1876.....	161,250 16	2,580,000		58	1,496,400	9 28	9 80	1,580,250		83,850
1877.....	231,972 16	3,852,091		55	2,103,800	9 10	9 80	2,273,326		169,526
1878.....	252,768 11	2,915,940		41	1,195,535	4 77	9 90	2,477,126		1,289,591
1879.....	235,073 18	4,238,824		47	1,99,404	8 47	9 80	2,303,715		312,311
1880.....	149,742 17	2,737,159		54	1,513,587	10 10	9 80	1,515,235		1,648
1881.....	175,418 16	2,956,411		81	2,403,954	12 96	9 80	1,773,875	630,079	
1882.....	357,095 18	6,598,683		62	4,064,483	11 16	10 05	3,591,067	493,416	
1883.....	257,766 17	4,695,448		48	2,244,646	8 16	10 10	2,798,758		554,112
1884.....	250,041 16	4,033,092		52	2,101,197	8 40	10 35	2,592,295		492,098
1885.....	142,706 15	2,108,745		53	1,121,968	7 86	10 25	1,465,448		343,470
1886.....	159,573 19	3,027,738		48	1,461,995	9 16	10 25	1,637,188		175,193
1887.....	194,356 15	2,970,026		42	1,250,123	6 43	10 25	1,996,397		740,274
1888.....	276,498 21	5,752,596		43	2,497,540	9 03	9 50	2,722,476		224,936
1889.....	204,873 18	3,803,419		38	1,466,229	7 15	9 85	2,015,655		549,426
1890.....	153,118 16	2,433,640		44	1,065,992	6 96	9 15	1,401,313		335,321

*1860-1881 estimated same as reported for 1880.

A table published elsewhere in this report gives the area, yield and value of rye in each county in the State.

BARLEY.

The area of the barley crop of 1890 is 1,000 acres less than that of 1889, and the average yield per acre of 23 bushels is so much less than that of last year, that the total yield is but 886,618 bushels. Barley, like rye, in Illinois, is principally grown in the northern division, where the area was 37,150 acres, and the yield, 841,687 bushels, or about 95 per cent. of the total crop of the State.

The prevailing price of barley, 33 cents per bushel, is the lowest ever known in the agricultural history of the State, 1861 alone excepted. This crop returned to the producer this year \$295,433.

CROP REPORT.

The following table gives the area, yield and value of the past thirty-one barley crops produced in this State:

Year.	Number of acres.	Average yield per acre.—bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1880.....	45,058	23	1,036,334	\$0 49	\$507,803	\$11 26	\$10 55	\$475,362	\$32,441	
1861.....	45,058	23	1,036,334	26	289,446	5 97	10 55	475,362		\$205,916
1862.....	32,657	36	1,175,651	60	705,390	21 60	10 55	344,521	360,859	
1863.....	54,755	22	1,205,042	95	1,444,790	20 81	10 55	577,876	566,914	
1864.....	50,520	22½	1,144,790	37	1,568,362	31 04	10 55	532,986	1,035,376	
1865.....	50,425	21	1,058,931	56¾	600,943	11 91	11 55	531,994	68,949	
1866.....	41,510	25	1,037,753	68	705,672	17 00	10 55	437,930	267,742	
1867.....	44,663	22.3	996,000	1 28	1,274,880	28 52	10 55	471,195	803,685	
1868.....	37,829	25.8	976,000	1 36	1,327,360	35 08	10 55	399,096	928,264	
1869.....	59,808	20.8	1,250,000	90	1,125,000	18 81	10 55	630,974	494,026	
1870.....	111,600	20	2,232,000	62	1,383,840	12 49	10 55	1,177,380	206,460	
1871.....	80,509	25.5	2,053,000	52	1,067,560	13 20	10 55	849,370	218,190	
1872.....	79,455	27.1	2,073,000	55	1,140,150	14 35	10 55	837,944	302,206	
1873.....	99,130	23	2,280,000	95	2,166,000	2 85	10 55	1,045,821	1,120,179	
1874.....	119,302	17.2	2,052,000	97	1,990,440	16 68	10 55	1,258,636	731,804	
1875.....	113,281	25.6	2,900,000	70	2,030,000	17 92	10 55	1,195,114	834,886	
1876.....	124,293	17.7	2,200,000	50	1,100,000	8 85	10 55	1,311,291		211,291
1877.....	44,982	18.5	842,942	47	396,182	8 80	10 55	474,560		78,378
1878.....	29,301	24	703,294	56	398,844	10 19	10 55	309,125	89,719	
1879.....	25,494	22¾	578,911	46	265,951	10 43	10 55	268,972		3,021
1880.....	39,313	25	992,382	56	660,703	14 26	10 55	407,271	153,432	
1881.....	31,472	23	697,467	74	892,328	16 28	10 55	331,066	161,303	
1882.....	34,611	27	940,396	68	641,951	18 36	10 55	364,695	277,256	
1883.....	26,845	25	674,338	59	398,901	14 75	10 35	278,298	120,063	
1884.....	26,746	27	732,139	50	366,550	13 70	10 17	272,159	94,391	
1885.....	34,706	25	862,183	47	405,764	11 70	10 15	451,952	53,812	
1886.....	41,992	28	1,164,052	52	603,215	14 36	10 20	428,846	174,729	
1887.....	46,646	16	757,935	45	340,134	7 29	10 20	474,485		134,711
1888.....	37,310	26	981,317	41	404,805	10 85	10 20	380,286	24,519	
1889.....	40,088	30	1,207,151	42	511,994	12 77	10 15	407,268	104,726	
1890.....	39,086	23	886,618	33	295,433	7 55	9 15	377,544		82,111

+1860-1881 estimated same as reported for 1880.

In a table published elsewhere in this report will be found the area, yield and value of the barley crop of the State by counties.

HAY.

While the area devoted to meadows the past season is not quite so large as for several years past, the crop has been the most profitable of any yet harvested this year. The wet weather of the early spring did not interfere with their growth, and the dry weather at harvest was just what was needed for cutting and curing the hay.

The area of meadows this season was 2,704,965 acres. The average yield per acre, 1.48 tons, was rather above the average yield for several years past. The total yield was 3,998,736 tons.

The price obtained for hay this season, \$.575 per ton, is a little above that received last year. The total value of the harvested crop is \$22,926,501.

The following table gives the area, yield and value of the past thirty-one hay crops of the State:

Year.	Number of acres.	Average yield per acre—tons.	Tons produced.	Price per ton.	Total value.	Value per acre.	*Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	2,258,548	1.41	1,774,554	\$9 90	\$17,568,084	\$13 95	\$7 35	\$9,250,328	\$8,317,756	
1861.....	2,258,548	1.41	1,774,554	9 90	17,568,084	13 95	7 35	9,250,328	8,317,756	
1862.....	1,348,724	2 7	2,292,831	8 00	18,342,648	13 60	7 95	9,913,121	8,429,527	
1863.....	1,161,707	1.5	1,742,552	11 50	20,039,348	17 25	7 35	8,538,546	11,500,802	
1864.....	1,444,483	1.5	2,166,725	15 33	33,215,894	23 00	7 35	10,616,950	22,598,944	
1865.....	1,733,380	1.5	2,600,070	9 30	24,180,651	13 95	7 35	12,740,343	11,440,308	
1866.....	1,591,880	1.47	2,340,063	9 27	21,692,318	13 62	7 35	11,700,318	9,993,066	
1867.....	1,778,000	1.5	2,667,000	9 73	25,949,910	14 59	7 35	13,068,300	13,881,610	
1868.....	1,905,000	1.4	2,667,000	10 00	26,670,000	14 00	7 35	14,001,750	12,668,250	
1869.....	1,761,006	1.59	2,800,000	9 87	27,636,000	15 69	7 35	12,943,394	14,692,606	
1870.....	1,605,932	1.18	1,895,000	10 77	20,352,310	12 67	7 35	11,803,000	8,548,700	
1871.....	1,403,053	1.31	1,838,000	10 05	18,471,900	13 16	7 35	10,312,439	8,159,461	
1872.....	1,428,888	1.35	1,929,000	9 47	18,267,630	12 78	7 35	10,502,327	7,765,303	
1873.....	1,880,000	1.25	2,350,000	8 75	20,562,500	10 93	7 35	13,818,900	6,744,500	
1874.....	1,860,417	1.2	2,232,500	10 49	23,418,925	12 58	7 35	13,674,064	9,744,861	
1875.....	2,226,277	1.37	3,050,000	9 73	29,676,500	13 33	7 35	16,363,136	7,016,864	
1876.....	2,500,000	1.40	3,500,000	6 68	23,380,000	9 35	7 35	18,375,000	5,005,000	
1877.....	2,443,360	1.65	4,044,967	5 43	21,971,368	9 99	7 35	17,958,696	4,012,672	
1878.....	2,368,854	1.45	4,255,471	4 70	19,994,341	8 44	7 35	17,411,077	2,583,164	
1879.....	2,161,760	1.20	2,578,730	6 37	16,428,012	7 60	7 35	15,888,936	539,076	
1880.....	2,259,857	1.5	3,486,584	6 50	22,589,69	9 75	7 35	16,707,706	5,912,985	
1881.....	2,384,366	1.5	3,484,222	6 95	24,184,087	10 42	7 35	17,517,470	6,666,617	
1882.....	2,629,333	1.75	4,399,186	7 75	34,006,164	13 56	7 35	19,390,712	14,615,456	
1883.....	2,945,482	1.75	5,064,400	6 15	30,990,271	10 76	7 35	11,694,095	9,296,179	
1884.....	3,004,342	1.64	4,940,506	5 47	27,055,086	9 00	7 35	22,093,713	4,961,364	
1885.....	3,197,688	1.33	4,197,226	6 05	25,347,809	7 96	7 30	23,320,211	2,027,591	
1886.....	3,393,961	1.45	4,944,810	5 90	29,465,173	8 53	7 15	24,752,971	6,192,328	
1887.....	3,316,016	.78	2,581,539	8 70	22,468,692	6 77	7 30	24,149,983		\$1,691,291
1888.....	3,043,723	1.41	4,423,162	6 70	29,548,129	9 71	6 85	20,904,275	8,643,854	
1889.....	3,176,281	1.55	4,910,544	5 45	26,819,871	8 44	6 85	21,813,830	5,006,041	
1890.....	2,704,965	1.48	3,998,736	5 75	22,926,501	8 47	7 40	20,051,867	2,874,634	

*1860-1881 estimated same as reported for 1880.

The area, yield and value of the hay crop of 1890 for each county in the State, is given in a table published elsewhere in this report.

FLAX SEED.

The area in flax this season is about 50 per cent. larger than last year, being 9,335 acres. The estimated yield per acre of 9 bushels of seed, makes the total yield 84,015 bushels.

The price obtained this year, \$1.25 per bushel, is above the average. The total value of the crop, \$105,012 is greater than for the three years last past, and is more than twice as large as that of the 1889 crop.

The following table gives the area, yield and value of the last twelve crops of flax grown in the State:

Year.	Number of acres.	Average yield per acre.—bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1879	110,016 9 00		990,437	\$1 30	\$1,296,753	\$11 78				
1880	171,985 9 06		1,557,898	1 00	1,579,634	9 19	\$9 45	\$1,565,715	\$13,919	
1881	116,776 9 17		1,071,339	1 02	1,099,017	9 41	9 45	1,045,504	53,513	
1882	93,240 8 84		824,820	1 10	911,706	9 78	8 90	830,970	80,736	
1883	29,338 9 31		273,286	1 09	30,028	10 22	8 65	258,726	41,292	
1884	31,019 8 79		272,845	1 15	314,466	10 14	8 73	270,825	42,519	
1885	21,744 9 90		198,823	1 09	216,93	9 94	8 95	195,732	21,361	
1886	13,231 8 90		117,593	0 95	111,957	8 46	9 10	120,399		88,442
1887	10,784 8 00		81,472	1 00	81,472	8 00	8 85	90,234		8,762
1888	6,181 8 00		49,448	1 10	54,394	8 80	8 00	49,609	4,785	
1889	6,238 6 00		37,428	1 10	41,174	6 60	8 20	51,199		10,025
1890	9,335 9 00		84,015	1 25	105,012	11 25	8 90	83,191	21,821	

A table published elsewhere in this report gives the area, yield and value of flax seed in each county in which it is raised.

CORN.

The effect of the drought on the corn crop can be estimated from the following figures, which gives the condition on June 20 and August 1 respectively, in the northern, central and southern divisions of the State: Northern division, 92 and 71, a depreciation of 19 per cent.; central division, 98 and 79, a depreciation of 19 per cent.; southern division, 87 and 53, a depreciation of 34 per cent.

Up to the latter part of June the prospect for corn in Illinois was never finer. The ground was in good condition, and the frequent cultivation left it free from weeds, but the hot, dry weather set in about that time, and the corn suffered severely. In DuPage county the intense heat caused the corn leaves to roll up every day, and they scarcely straightened out during the night.

The only injury reported from insects, is from Richland county, where something is working in the roots of the corn.

In the northern division of the State the August 1 condition ranges from 49 per cent. to an average, which is reported from the counties of Carroll and Knox.

In central Illinois, Douglas county reports the condition of corn as 5 per cent. better than an average. In Jersey county but 38 per cent. of an average yield per acre may be anticipated. This is the lowest condition reported in this division.

In southern Illinois but little over half an average yield per acre may be expected. The most encouraging outlook is in Jackson county, where the August 1 condition is 90 per cent., while in Effingham county but one-fifth of an average yield per acre is expected.

The area in corn this year, as returned by the assessors, is 6,988,267 acres, a decrease since 1889 of 860,513 acres.

A table published elsewhere in this report gives the area of corn in each county in the State for 1889 and 1890, as well as the August 1 condition for eleven years.

BROOM CORN.

The August 1 reports indicate that there will be but little over three-fourths of an average yield per acre of broom corn this season.

In the following counties an average or better yield per acre may be expected, viz: Iroquois, Douglas, Greene, Menard and Vermilion.

SORGHUM.

There will be less than three-fourths of an average yield per acre of sorghum, according to the August 1 reports made to this Department.

An average yield per acre is expected in the following counties, viz: Lake, Cass, Douglas, Hancock, Menard, Schuyler, Tazewell and Vermilion.

HEMP.

But three counties in the State make a report as to the area of hemp: Iroquois, where it is 125 as compared with 1889; Ogle, 50 per cent., and Will, 100.

The August 1 condition does not indicate more than two-thirds of an average yield per acre.

PASTURES.

With the single exception of corn, pastures have suffered more severely from the drought than any other form of vegetation.

The average condition of pastures at this date throughout the State is but 63 per cent., as against 98 per cent. June 20.

In the northern division of the State the August 1 condition is but 63 per cent. a depreciation of 38 points since our last report; in the central division the condition is 69 per cent., 29 per cent. less than on June 20, while in the southern division it is but 55 per cent., a depreciation of 39 points.

In a number of counties in the State farmers are feeding cattle, in some cases cutting corn for them. Reports to this effect have been received from the counties of Henry, Kane, Mercer and Johnson. The area of pastures this year, 5,085,716 acres, is 594,157 acres smaller than in 1889.

In a table published elsewhere in this report will be found the area of pastures in each county in the State, together with their August 1 condition since 1889.

IRISH POTATOES.

The prospect for an average crop of Irish potatoes is very discouraging, the August 1 condition being favorable for only 36 per cent. of an average yield per acre. In the northern division the condition is encouraging for 37 per cent. of an average yield per acre, in the central for 41 per cent., and in the southern for 31 per cent.

Wayne county reports that she will have 90 per cent. of an average yield per acre., while in Hardin county the crop is said to be a total failure.

A table published elsewhere in this report gives the August 1 condition of Irish potatoes in every county in the State.

SWEET POTATOES.

The prospect for sweet potatoes is much better than for Irish, being 69 per cent. of an average yield per acre. In the following counties an average yield per acre may be anticipated, viz: Carroll, Kendall, Mercer, Cass, Champaign, Sangamon, Schuyler, and Jackson.

The most discouraging outlook for this crop is in Ogle county, where the August 1 condition is favorable for but 15 per cent. of an average yield per acre, and Hardin, 20 per cent.

TURNIPS.

The area devoted to turnips and other root crops (potatoes excepted) is 14 per cent. less than that of 1889.

The August 1 condition indicates that the yield will be little if any, over half an average yield per acre.

In the counties named below an average yield per acre is expected: Champaign, Christian, Piatt, Alexander, Clay, Franklin, Jefferson and Perry.

TOBACCO.

But twenty-seven of the one hundred and two counties in the State make any report on tobacco. The August 1 condition is 77 per cent. of an average.

A full average yield per acre is expected in the counties of Brown, Montgomery, Clay and Edwards.

CASTOR BEANS.

The August 1 report on castor beans is not very encouraging, the prospect being for only 65 per cent. of an average yield per acre.

Over three-fourths of an average yield per acre may be expected from the counties of Bond, Franklin, Hamilton, Saline, Stark, Williamson and Will.

BUCKWHEAT.

The area devoted to buckwheat this season is 16 per cent. less than the area of 1889, and the August 1 condition does not indicate much over 70 per cent. of an average yield per acre.

There is an increase in the area this year as compared with last year in the following counties, viz: Kankakee, 20 per cent.; Champaign, 10; Effingham, 2, and Perry, 10 per cent.

An average yield per acre may be expected in the counties of Iroquois, Ogle, Whiteside, Champaign, Cumberland, Greene, Jefferson, and Perry.

FIELD PEAS.

About three-fourths of an average crop of field peas may be expected this season.

An average yield per acre is indicated for the counties of LaSalle, DeWitt, Jefferson, Marion, Perry, and Saline.

FIELD BEANS.

The August 1 condition of this crop indicates that 71 per cent. of an average yield per acre may be expected.

In the counties of Champaign, Cumberland, DeWitt, Fulton, Greene, Piatt, Schuyler, Vermilion, Edwards, Jasper, and Lawrence, an average yield per acre is anticipated.

APPLES.

This has been a very unfavorable season for apples, and less than half a crop will be gathered. The quality of the fruit is very poor, being generally small and knotty.

The most favorable conditions on August 1 is reported from the counties of Alexander, Edwards and Schuyler, where 90 per cent. of an average crop is expected.

Over three-fourths of an average yield per acre is anticipated in the counties of Adams, Douglas, Greene, Pike, and Scott.

PEACHES.

There will be less than half a crop of peaches this season. In the southern division of the State, where a large majority of the peach orchards are located, there will not be one-fourth of a crop, but in central Illinois the August 1 condition is favorable for 62 per cent. of an average crop.

The number of peach trees in the northern division is so small as scarcely to be taken into account in estimating the crop of the State.

PEARS.

The August 1 reports indicate that there will be little over half a crop of pears. An average crop is expected in the counties of Iroquois, Adams and Cass.

A table published elsewhere in this report gives the present condition of pears in each county in the State.

PLUMS.

An average yield of plums is expected in the counties of Washington, Hancock, Sangamon, Putnam, and Stephenson. In fifteen other counties three-fourths, or more, of an average crop is expected.

GRAPES.

While the condition of grapes is not so good as at this date on some years, and there has been considerable loss from the fruit dropping, the present indications are that there will be 80 per cent. of an average crop.

An average yield is expected in the counties of Carroll, Cook and McHenry in the northern division; Champaign, DeWitt, Moultrie, Schuyler and Vermilion in the central; and Alexander, Clay, Edwards, Fayette, Jackson, Massac, and Pulaski in the southern division.

BLACKBERRIES.

The blackberry crop this season was only about 85 per cent. of an average. There was an abundance of bloom, and the early prospects were favorable for an unusually large yield, but the dry weather set in just as the berries were maturing, and a great many of them dried up on the vines.

There was an average or better yield of blackberries in the following counties, viz: Carroll, Kankakee, Lake, Brown, Calhoun, Cass, Clark, Coles, Cumberland, DeWitt, Edgar, Green, Menard, Morgan, Piatt, Pike, Sangamon, Schuyler, Scott, Shelby, Alexander, Bond, Fayette, Perry, and Pulaski.

QUINCES.

Only one-third of the counties in the State make a report on quinces. In them the August 1 reports indicate that there will be 68 per cent. of an average crop.

The most encouraging outlook is in the following counties, where a full average yield is anticipated: Champaign, Cumberland, Piatt, Pike, Sangamon, Schuyler, Shelby, Fayette, Jefferson, and Perry.

LIVE STOCK.

The hot weather has been very hard on work horses and quite a number have died from the combined effects of the heat and overwork.

In DuPage county one man lost five out of six work horses. In Whiteside county over one hundred horses died from these causes in June and July, and in Hancock county one hundred horses are said to have died. Similar reports, though not to so great an extent as in the last two counties, come from Lee, Ogle, Will, Piatt, Scott and Clinton counties.

Distemper is reported from the counties of Woodford, Greene, Mason and Union.

In Saline county many horses have inflammation of the eyes, which makes them blind. Pinkeye is very common among horses in Franklin county.

Flies have been more numerous than usual this season, and have troubled stock a great deal. They have been particularly annoying in the counties of DeKalb, Lake, Logan, and Jasper.

Cattle are generally in good health, though thin in flesh, owing to short pastures, and milch cows are giving less milk since the drouth. In one or two localities cattle have suffered for water. Farmers are already feeding their cattle hay or corn fodder in Henry, Kane, Mercer, and Johnson counties.

In Cass county cattle are affected with sore eyes, in many cases going entirely blind.

There is some complaint of disease among both cattle and horses in Piatt county. In Madison county there is an epidemic of sore mouth among cows, but no deaths have resulted.

Hog cholera has prevailed to some extent in the counties of Knox, Livingston, Warren, Cass, Christian, Clark, Greene, Logan, Vermilion, Fayette, Franklin, Monroe, Perry, Pope, Saline, and White.

There is considerable disease among young pigs in Douglas county, and in Clinton county a few sows have died in pigging.

Lambs in some sections of Fayette county have died from an unknown disease. Their ears swell and drop down, then their eyes swell and burst out, and they finally die; none have recovered.

Chicken cholera prevails in Marion county, and in Franklin county the great numbers rats have prevented farmers from raising much poultry. The rats have also destroyed much grain in bins.

DRAIN TILE.

During 1889, 304,774 feet of drain tile were laid in Illinois. This is 105,490 feet less than was laid in 1888, but the State is pretty well tiled now, except in the southern division where is only 2 feet of tile to each acre of cultivated ground. There is now in the State 522,366,526 feet of tile, or an average of 27 feet to each acre of cultivated land.

In the northern division there is an average of 24 feet of tile to each acre of cultivated and, and in central Illinois 43 feet.

The best tiled county in the State is Piatt, where there is 298 feet to each cultivated acres

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the market value of the crop. The official acreage of the crops, as reported by the assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. In reporting condition, 100 is used by correspondents to represent a fair, seasonable, average vitality or growth unaffected by storms, insects or contingencies; an increase of one-tenth or ten per cent., is recorded 110; a decrease of five percent. is marked 95, etc. The correspondents of the Department are, as a rule, experienced farmers who have made the study of the conditions and yield of crops their life work, conservative men who realize the necessity for the work done by this Department and assist it by their gratuitous reports.

It is not pretended that these reports will exactly coincide with the official assessors' returns, but they do represent the condition or yield of the various crops etc., at the dates given, as estimated by men experienced in this work, and their estimates, for a term of years, will be found to closely approximate the assessors' returns.

W. C. GARRARD,

Secretary.

WINTER WHEAT—Northern Division.

COUNTIES.	Area seeded fall of 1889.	Average winter killed and de- stroyed.	Average har- vested.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop August 1, 1890.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Boone	282	41	240	14	3,920	*\$0 75	\$2 802	*\$11 55	\$3,234	.....	\$372
Bureau	1,616	162	1,454	17	24,718	80	19,774	10 20	14,831	\$4,943	.....
Carroll	2,000	1,000	1,000	15	15,000	80	12,000	10 10	10,100	1,900	.....
Cook	796	.....	96	*15	1,440	*78	1,123	9 55	917	206	.....
DeKalb	178	89	89	11	979	70	685	10 75	957	.....	272
DuPage	62	3	59	*14	826	*82	677	9 75	575	102	.....
Grundv	1,276	.....	16	*16	20,416	*82	16,741	10 75	13,717	3,024	.....
Henderson	9,444	1,417	8,027	16	128,432	83	106,598	10 00	80,270	26,328	.....
Henry	319	32	287	16	4,592	82	3,765	10 55	3,365	26,400	.....
Iroquois	2,313	509	1,804	14	25,256	78	19,700	8 30	14,973	4,727	.....
Jolliet	2,640	.....	2,540	13	33,420	75	24,765	8 60	21,844	2,921	.....
Kane	258	44	214	13	2,782	82	2,281	11 15	2,386	.....	105
Kankakee	916	321	595	18	10,710	75	8,032	10 20	6,069	1,963	.....
Kendall	208	52	156	13	2,628	90	1,825	12 52	1,958	.....	133
Knox	8,740	.....	8,240	17	140,080	85	119,068	10 55	86,932	32,136	.....
Lake	175	122	53	*15	735	84	61,036	9 35	506	130	.....
LaSalle	4,921	98	4,823	20	96,460	80	81,026	9 85	47,506	33,520	.....
Lee	318	.....	318	17	5,406	*0	4,325	10 35	3,291	1,084	.....
Livingston	2,533	557	1,976	15	23,640	80	23,712	9 30	18,377	5,335	.....
Marshall	1,660	249	1,411	19	26,809	81	21,715	9 60	13,546	8,169	.....
McHenry	200	14	186	18	3,348	70	2,344	10 15	1,888	456	.....
Mercer	1,287	.....	1,287	11	14,157	70	9,910	9 50	12,226	.....	2,316
Ogle	2,885	231	2,654	13	34,502	80	27,002	10 85	28,796	.....	1,194
Peoria	9,545	.....	9,545	19	181,355	81	146,897	10 60	101,177	45,720	.....
Putnam	958	.....	958	22	21,076	80	16,861	9 00	8,622	8,239	.....
Rock Island	491	.....	491	*14	6,874	*77	5,293	8 60	4,223	1,070	.....
Stark	168	17	151	12	1,812	*81	1,468	9 60	1,450	18	.....
Stephenson	2,712	190	2,522	16	40,352	71	28,650	9 45	23,833	4,817	.....
Warren	3,751	187	3,564	17	60,588	80	48,470	10 55	37,600	10,870	.....
Whiteside	1,395	139	1,256	15	18,840	80	15,072	10 30	14,103	10,879	.....
Will	2,116	.....	2,116	*15	31,740	80	25,392	9 45	20,208	5,184	.....
Winnebago	476	319	157	12	1,884	*73	1,375	8 70	1,366	9	.....
Woodford	8,111	973	7,138	21	143,898	82	122,916	9 80	69,952	52,904	.....
Total or average...	73,450	6,767	66,683	17	1,131,735	\$0 81	\$923,560	10 05	\$670,888	\$257,064	\$4,392

COUNTIES.

COUNTIES.	Area seeded fall of 1889.	Average winter killed and destroyed.	Average harvested.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop August 1, 1890	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Adams.....	69,378	30,526	38,852	13	505,076	\$0 83	\$419,213	\$11 15	\$433,200	.....	\$13,987
Brown.....	23,030	7,509	17,521	16	175,210	81	141,220	11 40	198,739	.....	57,819
Calhoun.....	20,126	3,421	16,705	10	267,280	91	243,225	12 00	200,460	\$42 765	.....
Cass.....	28,161	4,787	23,374	16	373,984	83	310,407	11 20	261,789	48,618	.....
Champaign.....	14,613	7,306	7,307	14	102,298	82	83,884	9 65	70,512	13,372	.....
Christian.....	12,468	6,483	5,985	5	29,925	80	23,940	10 15	60,748	.....	36,808
Clark.....	13,700	7,398	6,302	9	56,718	78	44,240	7 75	48,840	.....	4,600
Coles.....	5,433	4,890	543	9	4,887	82	4,007	9 85	5,348	.....	1,341
Cumberland.....	1,036	694	342	9	3,078	79	2,432	8 80	3,010	.....	3,578
DeWitt.....	7,108	497	6,606	14	92,526	82	75,871	10 00	69,090	9,781	.....
Douglas.....	4,669	2,008	2,661	12	31,932	75	23,949	9 55	25,432	.....	1,463
Edgar.....	6,109	4,582	1,527	7	10,639	80	8,551	9 70	14,812	.....	6,261
Ford.....	56	.....	58	*16	10,928	79	733	9 70	563	170	.....
Fulton.....	56,364	9,018	47,346	15	710,190	80	568,152	11 70	553,948	14,204	.....
Greene.....	26,420	17,701	8,719	10	87,190	83	72,368	8 75	76,291	.....	3,923
Hancock.....	38,512	7,112	32,400	15	486,000	81	393,660	9 85	319,140	74,520	.....
Jersey.....	41,568	20,784	20,784	8	166,272	83	138,006	11 60	241,094	.....	103,088
Logan.....	49,623	17,368	32,255	13	419,315	85	356,418	10 05	324,163	32,255	.....
Macon.....	10,427	5,735	5,735	13	74,555	83	61,881	9 95	57,063	4,818	.....
Macoupin.....	39,348	25,970	13,378	15	66,890	80	53,512	9 30	124,415	.....	70,903
Mason.....	59,037	11,217	47,820	13	621,660	80	497,328	10 50	502,110	.....	4,782
McDonough.....	6,824	1,174	5,350	17	90,950	81	73,669	10 50	56,175	17,494	.....
McLean.....	8,535	3,181	5,654	18	101,772	82	83,453	10 00	56,540	26,913	.....
Menard.....	23,000	4,140	18,860	12	226,320	80	185,582	9 75	183,885	1,697	.....
Montgomery.....	25,347	22,052	3,295	6	19,770	80	15,816	8 30	27,348	.....	11,532
Morgan.....	51,212	19,973	31,239	10	312,390	76	237,416	11 30	353,001	.....	115,585
Moultrie.....	1,671	251	1,420	11	15,620	82	12,808	8 50	12,070	738	.....
Pike.....	967	126	841	15	12,615	88	11,101	9 85	8,281	2,817	.....
Pike.....	79,828	25,545	54,283	10	542,830	82	445,121	10 00	542,830	.....	97,709
Sangamon.....	26,385	13,720	12,665	12	151,980	81	123,104	11 35	143,748	.....	20,644
Schuyler.....	40,695	10,174	30,521	16	486,336	80	390,669	9 40	286,897	103,772	.....
Scott.....	8,830	4,238	4,592	10	45,920	80	36,736	12 30	56,482	.....	19,746
Shelby.....	6,122	2,816	3,306	8	26,448	81	21,423	9 00	30,764	.....	9,331
Tazewell.....	39,606	2,772	36,834	20	736,680	81	596,711	10 65	392,282	204,429	.....
Vermilion.....	10,973	7,571	3,402	13	44,226	82	36,295	9 75	33,169	3,006	.....
Total or average.....	860,181	311,696	548,485	13	7,102,460	\$0 81	\$5,793,571	\$10 50	\$5,772,212	\$601,459	\$580,190

CROP REPORT

WINTER WHEAT—Southern Division.

COUNTIES.	Area seeded. fall of 1889.	Area winter killed and de- stroyed.	Average har- vested. in bushels.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop August 1, 1890.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Alexander	9,410	94	9,316	12	111,792	\$0 85	\$95,023	\$7 85	\$73,131	\$21,892	
Bond	21,001	10,500	10,501	8	84,008	32	77,257	8 10	85,058		\$7,771
Boyd	7,439	1,562	5,877	14	82,278	80	63,822	7 85	46,134	19,688	
Clinton	45,160	18,516	26,644	7	186,508	84	136,667	10 40	277,098		120,431
Crawford	18,465	6,547	11,918	10	118,180	80	94,544	9 20	108,726		14,182
Edwards	13,512	6,351	7,161	12	85,932	80	68,746	10 50	75,190		6,444
Edgingham	9,971	3,091	6,880	12	82,560	80	66,048	7 90	54,352	11,696	
Payette	1,441	604	837	6	5,022	80	4,018	6 95	5,817		1,739
Franklin	73,417	1,264	2,153	13	27,989	76	21,272	6 80	14,640	6,632	
Gallatin	9,589	2,397	7,192	13	93,496	83	77,602	12 20	87,742		10,140
Gallatin	3,655	1,352	2,303	11	25,333	81	20,520	7 00	16,121	4,399	
Hamilton	6,712	2,014	4,698	6	28,188	82	23,114	9 00	42,282		19,168
Hardin	433,557	1,678	31,879	15	478,185	82	392,112	9 45	301,256	90,856	
Harrison	8,408	1,093	7,315	14	102,410	83	85,000	7 85	57,423	27,577	2,716
Jasper	43,413	2,327	3,086	8	24,688	79	19,503	8 05	22,219		4,137
Jefferson	7,301	2,117	5,444	9	48,996	81	39,687	7 20	43,824		
Johnson	7,301	2,117	5,444	9	48,996	81	39,687	7 20	43,824		
Lawrence	7,301	2,117	5,444	9	48,996	81	39,687	7 20	43,824		
Madison	71,211	26,344	47,863	11	493,493	85	419,469	12 25	549,572	5,091	130,103
Marion	4,031	1,209	2,822	12	33,864	82	27,768	10 20	28,784		1,016
Massac	18,986	1,849	17,087	8	136,696	80	109,356	8 35	142,676		33,320
Monroe	54,750	27,375	27,375	11	301,125	83	249,564	11 50	314,812		64,248
Perry	5,866	966	4,900	9	39,600	82	32,472	7 60	33,440		6,155
Pope	43,522	6,761	6,761	8	54,088	82	44,352	7 50	50,707		24,081
Pulaski	11,958	119	11,839	11	130,229	84	109,372	11 35	134,373		75,493
Randolph	24,930	48,384	48,384	9	435,546	81	352,732	8 85	428,287		12,726
Ritchland	5,004	11,675	11,675	7	105,075	79	83,069	8 20	95,735		2,705
Saline	16,679	4,855	9,016	9	81,444	80	64,915	7 50	67,620		192,622
St. Clair	113,871	43,087	70,300	11	773,300	86	665,088	12 20	857,600		56,054
St. Clair	28,117	6,241	16,876	9	151,884	79	119,988	10 55	178,042	28,548	
Union	72,755	4,133	17,622	14	246,708	83	204,768	10 00	176,220		75,942
Wabash	73,501	27,195	46,306	9	416,754	84	330,073	9 20	426,015		3,285
Washington	3,472	937	2,535	12	30,420	80	24,336	8 90	22,561	1,775	
Wayne	34,218	12,318	21,900	12	262,800	85	223,380	10 35	226,665		3,547</

* Estimated. † Estimated same as in 1888.

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SPRING WHEAT—Northern Division.

COUNTIES.	Acreage 1890, returned by Assessors.	Yield per acre	Total yield in bushels.	Price per bushel.	Value of crop, August 1, 1890	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Boone.....	2,122	9	19,098	\$0.75	\$14,323	\$11.55	\$24,509	.....	\$10,186
Bureau.....	7,432	14	104,048	72	74,914	10.20	75,806	.....	802
Carroll.....	2,439	12	29,268	73	21,951	10.10	24,634	.....	2,683
Cook.....	2,681	8	21,448	83	18,231	9.55	25,063	.....	1,372
DeKalb.....	3,248	20	104,961	*79	82,918	10.75	56,416	\$26,502	.....
DuPage.....	2,537	8	20,296	*84	17,049	9.75	24,736	.....	7,057
Grundy.....	327	*10	3,270	*79	2,583	10.75	3,515	.....	952
Henderson.....	166	18	2,988	75	2,241	10.00	1,660	.....	1,616
Henry.....	2,021	13	26,273	75	19,705	10.55	21,321	.....	1,616
Iroquois.....	745	10	7,450	*75	5,587	8.30	6,183	.....	596
JoDavies.....	1,307	9	11,763	*77	9,057	8.60	11,240	.....	2,183
Kane.....	1,450	10	14,500	89	12,905	11.15	16,167	.....	3,262
Kankakee.....	274	8	2,192	*77	1,688	10.20	2,795	.....	1,107
Kendall.....	1,524	7	10,568	83	8,983	12.55	19,126	.....	10,143
Knox.....	719	14	10,066	73	7,318	10.55	7,587	.....	237
Lake.....	3,686	20	73,720	80	58,976	9.55	35,201	.....	2,419
LaSalle.....	9,678	12	116,136	80	92,919	9.85	95,328	.....	16,410
Lee.....	7,814	11	85,954	75	64,565	10.35	80,875	.....	.....
Livingston.....	509	15	7,635	75	5,826	9.30	4,734	992	.....
Marshall.....	415	13	5,395	78	4,208	9.60	3,984	224	.....
McHenry.....	5,308	7	37,156	71	26,381	10.15	53,876	.....	27,495
Mercer.....	1,075	11	12,925	*74	9,564	9.50	11,162	.....	1,568
Ogle.....	8,406	12	100,872	80	80,698	10.85	91,205	.....	10,507
Peoria.....	85	*12	1,020	*77	785	10.60	901	.....	116
Putnam.....	823	11	9,053	*77	6,971	9.00	7,407	.....	436
Rock Island.....	744	*11	8,184	*73	5,974	8.60	6,398	.....	424
Stark.....	354	10	3,640	*75	2,730	9.60	3,494	.....	764
Stephenson.....	4,651	7	32,557	80	26,046	9.45	43,952	.....	17,906
Warren.....	757	13	9,841	75	7,381	10.55	1,986	.....	605
Whiteside.....	2,463	10	24,630	70	17,241	11.30	27,832	.....	10,591
Will.....	602	*8	4,816	78	3,756	9.55	5,749	.....	1,993
Winnebago.....	4,392	*8	39,528	*78	30,832	8.70	38,210	.....	7,378
Woodford.....	213	*12	2,556	80	2,045	9.80	2,087	.....	42
Total or average.....	85,077	12	963,806	\$0.77	\$746,171	\$10.15	\$841,077	\$52,074	\$147,580

SPRING WHEAT—Central Division.

COUNTIES.	Average 1890, returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop August 1, 1890.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop	Loss on crop.
Adams	130	*16	2,080	*0 72	\$1,498	\$1 15	\$1,449	\$ 49	.....
Brown	10	*16	160	*72	115	11 40	114	1	.....
Calhoun	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cass	120	*16	1,920	*72	1,382	11 20	1,344	38	.....
Champaign	88	*16	1,408	*72	1,014	9 65	849	165	.....
Christian	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clark	31	*16	496	*72	357	7 75	240	117	.....
Coles	6	*16	96	*72	69	9 85	59	10	.....
Cumberland	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dewitt	92	20	1,840	*72	1,325	10 00	920	405	.....
Douglas	36	*16	576	*72	415	9 55	344	71	.....
Edgar	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ford	52	*16	832	*72	599	9 70	504	95	.....
Fulton	479	*16	7,664	*72	5,518	11 70	5,604	86	.....
Greene	221	*16	352	*72	253	8 75	192	6	.....
Hancock	53	*16	848	*72	610	9 85	522	88	.....
Jersey	18	*16	288	*72	207	11 60	209	.....	.....
Logan	182	*16	2,912	*72	2,097	10 05	1,829	268	.....
Macon	23	*16	368	*72	265	9 95	229	36	.....
Macoupin	14	16	224	*72	161	9 30	130	31	.....
Mason	95	*16	1,520	*72	1,094	10 50	997	97	.....
McDonough	383	13	4,979	*72	3,585	10 50	4,021	436	.....
McLean	1,127	*16	18,032	*72	12,983	10 00	11,270	1,713	.....
Menard	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montgomery	.....	.....	.....	.....	.....	.....	.....	.....	.....
Morgan	300	*16	4,800	*72	3,456	11 30	3,300	66	.....
Moultrie	.....	.....	.....	.....	.....	.....	.....	.....	.....
Piatt	43	*16	688	*72	495	9 85	423	72	.....
Pike	47	*16	732	*72	541	10 00	470	71	.....
Sangamon	23	*16	368	*72	265	11 35	261	4	.....
Schuyler	28	*16	448	*72	322	9 40	263	59	.....
Scott	59	*16	944	*72	680	12 30	726	46	.....
Shelby	8	*16	128	*72	92	9 00	72	20	.....
Tazewell	235	*16	3,600	*72	2,592	10 65	2,396	190	.....
Vermilion	45	*16	720	*72	518	9 75	439	79
Total or average	3,739	16	59,043	\$0 72	\$42,508	\$10 50	\$39,266	\$3,812	\$570

CROP REPORT.

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SPRING WHEAT—Southern Division.

COUNTIES.	Average 1890, returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop August 1, 1890	Cost of produc- tion per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Alexander	16	*12	192	*70 72	\$128	\$7 85	\$126	\$ 12	.....
Bond	66	*12	792	*72	570	535	570	35	.....
Clay	41	*12	492	*72	354	7 85	322	32	.....
Clinton .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crawford .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Edwards .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Edingham .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fayette	35	*12	420	*72	302	6 95	243	59	.....
Franklin	47	*12	54	*72	60	6 80	48	12	.....
Galatin	63	*12	756	*72	544	12 20	769	.....	\$225
Hamilton .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hardin .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jackson .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper	+190	*12	2,280	*72	1,642	9 45	1,795	.....	153
Jefferson	+18	*12	216	*72	155	7 20	130	25	.....
Johnson	1	*12	12	*72	9	8 05	8	1	.....
Lawrence	936	*12	11,232	*72	8,087	7 70	7,207	880	.....
Madison .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marion .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massac .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monroe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monroe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Perry .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pope	+77	*12	924	*72	665	7 50	577	88	.....
Pulaski .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Randolph	2	*12	24	*72	17	8 85	18	.....	1
Richland	90	*12	1,080	*72	778	8 20	738	40	.....
Saline	1	*12	12	*72	9	7 50	7	2	.....
St. Clair	4	*12	48	*72	34	12 20	49	.....	15
Union	94	*12	1,128	*72	812	10 55	992	.....	180
Wabash .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	14	*12	168	*72	121	9 20	129	.....	8
Wayne	+83	*12	996	*72	717	8 90	739	22	.....
White	799	*12	9,588	*72	6,903	10 35	8,270	1,307	.....
Williamson	+20	*12	240	*72	173	8 95	179	.....	6
Total or average	2,557	12	30,684	\$0 72	\$22,090	\$8 95	\$22,881	\$1,186	\$1,977

*Estimated. †Estimated same as last year.

CROP REPORT.

OATS—Northern Division.

COUNTIES.	Acreage 1890 returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop in August 1, 1890.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop	Loss on crop,
Boone.....	28,527	30	855,810	*\$0.27	\$231,060	\$10.50	\$290,532	.....	\$68,464
Bureau.....	71,134	26	1,848,964	.....	554,659	8.10	576,023	.....	21,334
Carroll.....	36,221	30	1,086,720	*27	295,414	9.80	334,965	.....	61,551
Cook.....	462,346	25	1,158,650	32	495,708	9.35	582,935	.....	84,167
DeKalb.....	64,322	33	2,122,286	25	530,574	9.60	617,385	.....	86,821
DuPage.....	37,398	35	1,318,930	30	392,679	8.80	329,102	.....	.....
Grundy.....	39,879	20	797,580	*29	231,288	7.55	301,086	.....	69,788
Henderson...	23,909	24	525,988	31	163,059	10.10	241,481	.....	78,422
Henry.....	73,422	22	1,762,128	28	493,395	10.00	734,220	.....	240,824
Iroquois.....	13,670	25	329,175	29	94,607	8.30	1,092,861	.....	138,254
JoDavies...	37,679	35	1,318,765	27	356,066	8.50	320,271	.....	.....
Kane.....	59,754	38	1,510,652	28	422,982	10.20	405,491	.....	84,616
Kankakee...	59,172	24	1,430,128	28	397,636	8.15	482,252	.....	192,993
Kendall.....	43,955	30	1,839,100	32	268,512	11.00	461,505	.....	20,171
Knox.....	57,631	33	1,901,823	30	570,547	10.25	590,718	.....	.....
Lake.....	28,098	35	982,380	32	314,362	9.30	261,032	.....	53,330
LaSalle.....	113,334	32	3,626,688	25	906,672	10.10	1,144,673	.....	238,001
Lee.....	63,717	35	2,102,611	27	567,118	10.00	637,170	.....	69,432
Livingston...	150,811	20	3,016,820	29	874,878	9.35	1,410,363	.....	535,485
Marshall.....	43,690	35	1,529,150	28	428,162	9.00	383,210	.....	.....
McHenry.....	44,151	37	1,634,587	25	408,397	9.00	397,359	.....	34,952
Mercer.....	34,884	30	1,046,520	29	303,491	9.35	325,165	.....	11,038
Ogle.....	81,107	31	2,514,317	30	754,295	9.65	782,682	.....	22,674
Peoria.....	30,836	28	863,408	32	276,290	9.95	306,818	.....	28,387
Putnam.....	11,294	35	395,290	30	118,587	9.70	109,552	.....	30,528
Rock Island	22,472	25	561,800	30	168,540	8.25	185,394	.....	16,854
Stark.....	24,856	23	571,688	30	171,506	10.45	259,745	.....	88,239
Stephenson..	46,413	22	1,021,185	27	275,693	8.50	394,510	.....	118,817
Warren.....	48,269	25	1,206,725	33	398,219	10.05	485,103	.....	86,884
Whiteside...	42,021	27	1,200,630	25	315,157	9.70	407,604	.....	92,447
Will.....	104,271	32	2,815,317	32	900,901	8.80	917,585	.....	16,684
Winnebago...	53,660	30	1,609,800	*27	450,846	8.70	484,242	.....	33,396
Woodford...	69,351	42	2,912,742	29	844,695	9.25	641,497	.....	203,198
Total or average.....	1,820,227	28	51,879,903	\$0.29	\$14,837,705	\$9.30	\$16,934,572	\$428,416	\$2,525,283

CROP REPORT.

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OATS—Central Division.

COUNTIES.	Acreage 1890 returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop August 1, 1890.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop	Loss on crop.
Adams	25,773	19	490,687	\$0.31	\$15,803	\$9.85	\$253,864	.....	\$102,061
Brown	3,695	17	96,815	25	24,204	9.05	51,540	.....	27,386
Calhoun	2,445	29	70,905	35	24,817	10.85	26,528	.....	1,711
Cass	10,170	27	274,590	25	68,647	10.35	105,259	.....	36,612
Champaign	111,189	25	2,779,725	30	853,917	8.60	956,225	.....	122,308
Christian	20,007	21	430,147	27	113,440	9.45	189,066	.....	75,526
Clark	13,831	11	152,141	27	41,078	6.70	92,668	.....	51,560
Coles	11,552	18	207,936	30	62,381	9.20	106,278	.....	43,897
Cumberland	1,718	11	18,898	23	4,346	8.4	14,431	.....	10,085
DeWitt	40,502	23	931,546	28	260,833	9.75	394,894	.....	134,081
Douglas	19,145	30	582,900	30	114,870	9.20	176,134	.....	61,294
Edgar	15,427	19	293,113	28	82,072	8.05	124,187	.....	42,115
Ford	61,572	28	1,724,016	30	517,205	9.00	354,148	.....	36,943
Fulton	31,375	27	847,125	26	220,252	10.50	320,437	.....	109,185
Greene	5,719	20	114,380	30	34,314	8.25	47,182	.....	12,868
Hancock	34,840	21	731,640	28	204,859	9.00	313,500	.....	108,701
Jersey	7,194	12	86,328	30	25,898	10.50	75,537	.....	49,639
Logan	41,123	19	781,337	29	226,588	9.00	370,107	.....	143,519
Macon	25,960	24	623,040	30	186,922	8.35	216,766	.....	29,851
Macoupin	25,783	14	360,962	29	104,679	8.75	225,601	.....	120,922
Mason	21,727	18	391,086	26	101,682	9.35	203,147	.....	101,405
McDonough	12,860	33	424,677	29	123,156	9.85	126,760	.....	3,004
McLean	22,160	33	4,190,340	32	1,340,900	10.05	1,276,149	\$64,760	.....
Menard	32,408	19	421,040	29	122,102	9.05	200,548	.....	78,446
Montgomery	18,648	15	486,120	24	116,699	6.80	220,374	.....	1,3705
Morgan	6,619	25	406,200	27	125,874	10.15	189,277	.....	63,403
Moultrie	8,966	20	132,380	30	39,714	8.40	55,600	.....	15,886
Pike	10,803	25	224,900	31	69,719	7.80	70,169	.....	480
Sangamon	20,330	13	140,439	28	39,323	9.75	105,329	.....	66,006
Schuyler	9,915	25	396,600	*28	142,310	10.60	215,498	.....	73,188
Scott	1,219	40	24,380	25	9,150	9.90	98,158	992	.....
Shelby	8,897	27	169,043	25	6,095	10.35	12,617	.....	6,522
Tazewell	43,274	19	824,768	30	45,642	8.40	74,735	.....	29,083
Vermilion	45,118	32	1,384,768	30	415,438	9.75	421,921	.....	6,491
.....	.....	27	1,299,186	28	363,772	8.05	416,221	.....	52,449
Total or average	903,983	24	22,046,640	\$0.29	\$6,454,662	\$9.20	\$8,309,915	\$65,752	\$1,021,005

CROP REPORT.

OATS—Southern Division

COUNTIES	Acreage 1890 returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop August 1, 1890.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Alexander.....	25,773	0	257,616	\$0 32	.....	##3 80	\$97,937	.....	\$97,937
Bond.....	21,468	12	257,616	*31	.....	7 30	156,716	.....	74,279
Clay.....	15,226	9	173,034	*31	.....	7 35	141,311	.....	87,671
Clinton.....	29,509	3	88,527	30	26,558	8 75	258,204	.....	231,646
Crawford.....	+15,793	6	94,758	25	23,689	7 70	121,606	.....	97,917
Edwards.....	6,960	1	6,960	27	1,879	8 15	56,724	.....	54,845
Effingham.....	25,295	10	252,950	30	.....	7 15	180,859	.....	104,974
Fayette.....	6,2 3	3	18,639	30	5,592	6 45	40,074	.....	34,482
Franklin.....	+14,298	4	57,192	35	20,017	6 35	90,792	.....	70,775
Gaithlin.....	6,751	1	751	*31	.....	8 90	6,684	.....	6,431
Hamilton.....	6,840	4	27,360	*31	8,492	9 45	44,118	.....	35,626
Hardin.....	1,867	1	1,867	*31	34,752	7 10	13,256	.....	12,677
Jackson.....	+9,342	12	112,104	*31	51,640	9 25	86,418	.....	51,661
Jasper.....	14,859	12	178,088	29	.....	6 95	103,131	.....	51,491
Jefferson.....	+33,166	4	132,664	28	37,146	6 00	198,996	.....	161,850
Johnson.....	2,210	0	.....	.....	.....	##3 90	8,619	.....	8,619
Lawrence.....	888	0	888	.....	275	6 55	5,816	.....	5,541
Madison.....	21,076	11	231,836	*31	71,869	9 75	205,491	.....	133,622
Marion.....	10,725	4	42,900	30	12,870	8 50	91,162	.....	78,292
Massac.....	1,652	6	9,912	*31	3,073	7 35	12,142	.....	9,069
Monroe.....	8,631	1	8,631	30	2,589	9 40	81,131	.....	78,542
Perry.....	3,407	6	20,442	33	6,746	7 50	25,552	.....	18,806
Pope.....	+7,577	3	22,731	*31	7,047	6 50	49,250	.....	42,263
Pulaski.....	+2,765	3	8,295	40	3,318	11 00	30,415	.....	27,197
Randolph.....	19,734	1	19,734	*31	6,117	7 75	182,938	.....	146,821
Richland.....	17,229	3	51,678	32	16,537	7 30	125,750	.....	109,213
Saline.....	4,355	1	4,355	*31	1,350	6 60	28,743	.....	27,393
St. Clair.....	27,058	0	.....	.....	.....	##6 40	173,171	.....	173,171
Union.....	5,325	0	.....	.....	.....	##5 45	29,038	.....	29,038
Wabash.....	+8,901	0	.....	.....	.....	##5 20	46,285	.....	46,285
Washington.....	33,497	2	66,994	*31	20,768	7 65	256,252	.....	235,484
Wayne.....	+21,878	4	87,512	40	35,005	6 95	152,052	.....	117,047
White.....	6,200	0	.....	.....	.....	##3 00	22,320	.....	22,320
Williamson.....	+6,147	0	.....	.....	.....	##3 90	23,973	.....	23,973
Total or average.....	440,595	4	1,978,398	\$0 31	\$610,083	\$7 05	\$3,116,921	.....	\$2,506,898

* Estimated.

† Does not include harvesting, stacking, threshing and marketing.

CROP REPORT.

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WINTER RYE—Northern Division.

COUNTIES.	Acreage 1890, returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop August 1, 1890.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Boone.....	3,111	16	49,776	\$0 45	\$22,399	\$11 20	\$34,848	.....	\$12,414
Bureau.....	3,437	21	72,177	40	28,871	9 80	33,683	.....	4,812
Carroll.....	7,646	8	61,168	45	27,526	9 50	72,637	.....	45,111
Cook.....	12,318	17	39,406	50	19,703	8 95	20,746	.....	1,043
DeKalb.....	6,195	10	61,950	*45	27,877	9 55	59,162	.....	31,285
DuPage.....	5,172	18	94,096	40	37,238	10 35	47,324	.....	10,086
Grundys.....	7,701	*21	14,721	*44	6,477	10 35	7,255	.....	12,778
Henderson.....	2,969	13	37,817	40	15,127	9 70	27,490	.....	13,715
Henry.....	5,486	18	98,748	40	39,499	9 70	53,214	.....	3,809
Iroquois.....	1,874	12	21,768	45	9,796	7 50	13,605	.....	6,212
JoDavies.....	4,437	15	66,555	42	27,953	7 70	83,165	.....	7,848
Kane.....	7,619	21	159,999	47	75,199	10 90	83,047	.....	3,035
Kankakee.....	3,783	17	64,481	40	25,792	7 60	28,827	.....	3,774
Kendall.....	3,868	20	77,360	45	34,812	9 29	36,586	.....	2,063
Knox.....	1,587	19	30,153	45	13,569	9 55	15,632	.....
Lake.....	1,875	30	26,290	45	11,812	9 60	8,400	\$3,412	
LaSalle.....	2,238	24	29,712	45	13,370	10 09	12,380	.....
Lee.....	4,774	18	85,932	47	40,388	9 70	46,308	.....
Livingston.....	970	11	10,670	*47	5,015	8 60	8,342	.....	5,920
Marshall.....	339	17	5,703	40	2,305	9 35	3,170	.....	3,327
McHenry.....	2,363	15	35,445	45	15,950	9 65	22,803	.....	8,865
Mercer.....	3,343	17	56,831	36	20,459	9 35	31,256	.....	10,797
Ogle.....	9,225	17	156,825	45	70,571	9 80	90,405	.....	19,834
Peoria.....	392	15	5,880	*47	2,764	10 20	3,993	.....	1,234
Putnam.....	692	25	15,050	50	7,525	9 20	5,538	1,087	
Rock Island.....	4,018	*17	68,306	40	27,322	8 35	33,550	.....	6,258
Stark.....	439	16	7,054	42	2,950	8 10	3,556	.....	606
Stephenson.....	13,198	13	171,574	43	73,777	8 30	109,543	.....	35,766
Warren.....	503	17	8,551	40	3,420	9 15	4,602	.....	1,182
Whiteside.....	16,174	16	259,104	44	1,14,006	9 20	148,685	.....	34,979
Will.....	4,957	17	84,269	48	40,449	8 65	42,878	.....	2,439
Winnebago.....	14,703	16	235,248	*44	1,03,509	8 95	131,592	.....	28,083
Woodford.....	14,379	24	9,096	60	5,458	9 50	3,600	1,858	
Total or average.....	138,603	16	2,220,705	40 44	\$972,886	\$9 20	\$1,278,122	\$8,247	\$313,481

CROP REPORT.

WINTER RYE—Central Division.

COUNTIES.	Acreage 1890, returned by assessors.	Yield per acre In bushels.	Total yield in bushels.	Price per bushel.	V alue of crop August 1, 1890.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Adams	423	8	3,384	\$0.43	\$1,455	\$9.70	\$4,103	.....	\$2,618
Brown	90	*13	1,170	.43	503	7.90	711	.....	2,208
Calhoun	40	*30	1,200	.50	600	10.80	432	.....	.....
Cass	337	12	4,044	.43	1,739	7.15	2,409	.....	670
Champaign	1,247	15	18,705	.40	7,482	8.30	10,350	.....	2,868
Christian	85	*20	1,700	.43	731	8.50	722	.....	.....
Clark	851	10	8,510	.40	3,404	7.15	6,085	.....	2,651
Coles	132	22	2,904	.40	1,162	9.75	1,287	.....	155
Cumberland	3	20	60	.40	24	6.35	19	.....	.....
DeWitt	369	20	7,380	.45	3,321	9.25	3,413	.....	92
Douglas	584	*17	9,418	.43	4,050	10.55	5,845	.....	17,95
Edgar	1,007	16	16,112	.45	6,928	6.85	6,898	.....	30
Ford	475	*14	6,650	.43	2,859	6.45	3,064	.....	205
Fulton	416	*16	6,656	.43	2,862	10.85	4,514	.....	1,652
Greene	89	*20	1,780	.43	765	*9.45	841	.....	76
Hancock	225	18	4,050	.43	1,741	9.10	2,047	.....	306
Jersey	15	*24	360	.43	155	8.20	123	.....	.....
Logan	88	*16	1,408	.43	605	8.60	757	.....	152
Macon	100	*16	1,600	.43	688	8.10	810	.....	122
Macoupin	89	12	1,068	.43	450	8.50	756	.....	297
Mason	519	11	5,709	.43	2,455	8.70	4,515	.....	2,060
McDonough	132	20	2,640	.45	1,188	11.75	1,551	.....	363
McLean	754	16	12,544	.43	5,394	10.20	7,997	.....	2,603
Menard	600	*13	6,500	.40	2,600	9.45	4,725	.....	2,125
Montgomery	171	11	1,881	.50	2,431	7.35	1,257	.....	317
Morgan	307	18	5,525	.44	2,431	*9.05	2,778	.....	347
Moultrie	42	18	756	.44	325	7.05	296	.....	.....
Platt	57	13	741	.43	319	7.55	430	.....	111
Pike	100	*18	1,800	.43	774	*9.65	965	.....	191
Sangamon	84	*15	1,260	.43	542	11.05	928	.....	386
Schuyler	309	15	4,635	.43	1,993	6.80	2,101	.....	108
Scott	6	*19	114	.43	49	10.30	62	.....	13
Shelby	89	15	1,335	.43	574	11.75	1,046	.....	472
Tazewell	266	*16	4,256	.43	1,890	8.05	2,141	.....	311
Vermilion	2,127	17	36,159	.45	16,271	*8.50	17,654	.....	1,363
Total or average	12,128	15	184,015	\$0.43	\$79,218	\$8.55	\$103,632	\$273	\$24,687

CROP REPORT.

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WINTER RYE—Southern Division.

COUNTIES.	Average 1890, returned by Assessors.	Yield per acre.	Total yield in bushels.	Price per bushel.	Value of crop August 1, 1890	Cost of produc- tion per acre.	Total cost of production	Profit on crop.	Loss on crop.
Alexander.....	42	15	630	\$0 55	\$346	\$7 55	\$317	\$29	
Bond.....	63	11	693	.49	339	7 30	460		\$121
Clay.....	11	10	750	.49	367	9 35	701		334
Crawford.....	+168	14	2,362	.45	1,058	6 10	1,025	33	
Edwards.....	13	9	1,117	.49	571	9 50	123		66
Edgingham.....	117	10	1,170	.42	491	7 60	889		398
Fayette.....	86	12	1,032	.49	506	*8 20	705		199
Franklin.....	+34	*15	510	.49	150	*8 00	272		22
Galatin.....	20	*13	260	.49	227	*8 85	177		50
Hamilton.....	5	13	65	.49	32	8 90	44		12
Hardin.....									
Jackson.....	+143	*13	1,859	.49	911	*8 25	1,180		269
Jasper.....	112	17	1,904	.50	932	6 00	672	280	
Jefferson.....	+22	20	1,440	.40	176	9 05	199		23
Johnson.....	12	10	130	.50	60	7 80	94		34
Lawrence.....	57	*11	627	.49	307	*8 55	487		180
Madison.....	98	*14	1,372	.49	672	10 91	1,068		396
Marion.....	16	13	208	.60	125	6 50	104	21	
Massac.....	127	*10	1,270	.49	622	7 80	991		369
Monroe.....	35	12	420	.60	252	7 85	275		23
Perry.....	6	*15	90	.49	44	7 65	46		2
Pope.....	+9	*11	99	.49	48	9 25	83		35
Pulaski.....									
Randolph.....	285	*13	3,705	.49	1,815	9 10	2,593		778
Richland.....	138	9	1,242	.49	609	11 00	1,518		909
Saline.....	8	*12	96	.49	47	5 95	48		1
St. Clair.....	69	15	1,035	.45	466	10 70	738		272
Union.....	131	10	1,310	.49	642	*7 70	1,009		367
Wabash.....									
Washington.....	344	11	3,784	.45	1,703	7 30	2,511		808
Wayne.....	138	10	380	.49	186	8 00	304		118
White.....	38	*11	418	.49	205	8 10	308		163
Williamson.....	+74	13	962	.49	471	8 35	618		147
Total or average.....	2,385	12	28,920	\$0 48	\$13,886	\$8 20	\$19,559	\$363	\$6,086

*Estimated. †Estimated same as last year.

BARLEY—Northern Division.

COUNTIES.	Acreage 1890, returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop August 1, 1890.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Boone.....	4,806	16	76,896	*\$0 33	\$25,376	\$11 05	\$53,106	.....	\$27,730
Bureau.....	540	25	13,500	35	4,725	10 25	5,535	.....	810
Carroll.....	901	*22	19,822	*33	6,541	9 80	8,830	.....	2,289
Cook.....	*341	*26	8,896	*33	2,926	9 10	3,103	.....	177
DeKalb.....	1,866	20	37,320	*33	12,316	9 80	18,287	.....	5,971
DuPage.....	675	25	16,875	*33	5,569	10 60	7,155	.....	1,586
Grundy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Henderson.....	1,270	20	25,400	30	7,620	10 20	12,964	.....	5,334
Henry.....	62	*25	1,550	*33	511	*8 95	555	.....	44
Iroquois.....	1,667	19	31,673	38	12,036	7 00	11,669	\$367	.....
Jo Daviess.....	.....	25	13,500	35	4,725	10 60	5,724	.....	999
Kane.....	2	*25	50	*33	16	*9 55	19	.....	3
Kankakee.....	50	*24	1,200	*33	396	10 20	510	.....	114
Kendall.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Knox.....	2,312	29	67,048	32	21,455	*9 65	22,311	.....	856
Lake.....	101	*26	2,626	*33	866	10 00	1,010	.....	144
LaSalle.....	238	25	5,950	*33	1,963	9 80	2,332	.....	369
Lee.....	52	*28	1,456	*33	480	8 85	460	20	.....
Livingston.....	216	35	7,560	39	2,948	9 90	2,198	810	.....
McHenry.....	6,118	25	152,950	*33	50,473	10 25	62,709	.....	12,236
Mercer.....	4,12	*20	107,650	*33	32,295	*9 70	45,213	.....	37
Ogle.....	4,306	25	125	30	41	*9 85	49	.....	8
Peoria.....	5	*25	125	*33	96	*10 05	100	.....	4
Putnam.....	10	*29	290	*33	96	*10 05	100	.....	.....
Rock Island.....	416	*20	8,320	*33	2,746	9 15	3,806	.....	1,060
Stark.....	106	*27	2,862	*33	944	8 15	864	80	.....
Stephenson.....	7,247	21	152,187	*33	50,222	8 15	59,063	.....	8,841
Warren.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whiteside.....	317	*23	7,291	*33	2,406	10 05	3,186	.....	780
Will.....	22,825	*25	57,532	*33	7,532	9 10	8,308	.....	776
Winnebago.....	2,063	27	55,431	32	17,738	9 40	19,298	.....	1,560
Woodford.....	8	*28	224	33	74	9 55	76	.....	2
Total or average.....	37,150	23	841,687	\$0 33	\$275,115	\$9 65	\$358,456	\$1,277	\$83,371

BARLEY—Central Division.

COUNTIES.	Acreage 1890, returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop August 1, 1890.	Cost of produc- tion per acre.	Total cost of production	Profit on crop.	Loss on crop
Adams.....									
Brown.....									
Calhoun.....									
Cass.....									
Champaign.....	31	*23	713	\$*0 47	\$335	\$8 80	\$273	\$62	
Christian.....									
Clark.....	4	*23	92	*47	43	7 75	31	12	
Coles.....	2	*23	46	*47	22	9 75	19	4	
Cumberland.....									
De Witt.....	36	*23	828	*47	389	*9 50	342	47	
Douglas.....									
Edgar.....	5	*23	115	*47	54	*9 50	47	7	
Ford.....	62	*23	1,426	*47	679	*9 50	589	81	
Fulton.....	12	*23	276	*47	130	*9 50	114	16	
Greene.....									
Hancock.....	42	25	1,050	45	472	9 85	414	58	
Jersey.....									
Logan.....	27	*23	621	*47	292	*9 50	266	36	
Macon.....									
Macoupin.....	15	*23	345	*47	162	*9 50	142	20	
Mason.....	176	15	2,640	45	1,188	8 50	1,496		\$308
McDonough.....									
McLean.....	6	*23	138	*47	65	11 05	66		1
Menard.....	100	*23	2,300	*47	1,081	*9 50	950	131	
Montgomery.....									
Morgan.....	103	*23	2,389	*47	1,113	*9 50	978	135	
Moutrie.....									
Platt.....	7	*23	161	*47	76	*9 50	68	10	
Pike.....	15	*23	345	*47	162	*9 50	142	20	
Sangamon.....	40	*23	920	*47	432	10 35	414	18	
Schuyler.....									
Scott.....									
Shelby.....				50					
Tazewell.....	473	30	14,190	*47	6,669	11 85	5,605	1,064	
Vermilion.....	207	*23	4,761	*47	2,238	*9 50	1,966	1,272	
Total or average.....	1,363	24	33,336	\$0 47	\$15,593	\$10 20	\$13,910	\$1,992	\$309

CROP REPORT.

BARLEY—Southern Division.

COUNTIES.	Average 1890, returned by Assessors	Yield per acre in bushels.	Total yield in bushels	Price per bushel.	Value of crop August 1, 1890.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Alexander.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bond.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clay.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clinton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crawford.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Edwards.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Edinburgh.....	2	*15	30	\$*0 55	\$16	\$*9 00	\$18	.....	\$2
Fayette.....	2	*15	30	*55	16	9 00	18	.....	2
Franklin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gallatin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hardin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jackson.....	+18	*15	270	*55	148	*9 00	162	.....	14
Jasper.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jefferson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Johnson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lawrence.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Madison.....	40	*15	600	*55	330	10 20	408	.....	78
Marion.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massac.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monroe.....	140	*15	2,100	*55	1,155	8 15	1,141	\$14	.....
Perry.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pope.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pulaski.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Randolph.....	39	*15	585	*55	322	10 60	413	.....	91
Richland.....	14	*15	210	*55	115	*9 00	126	.....	11
Saline.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Clair.....	313	15	4,695	55	2,582	*9 00	2,817	.....	235
Union.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabash.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	2	*15	30	*55	16	*9 00	18	.....	2
Wayne.....	+3	*15	45	55	25	*9 00	27	.....	2
White.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Williamson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total or average.....	573	15	8,595	\$0 55	\$4,725	\$9 00	\$5,148	\$14	\$437

*Estimated. †Estimated same as last year.

CROP REPORT.

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HAY—Northern Division.

COUNTIES.	Average 1890, returned by Assessors.	Yield per acre in tons.	Total yield in tons.	Price per ton.	Value of crop August 1, 1890.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Boone.....	25,694	1½	38,541	\$5 00	\$192,705	\$9 85	\$253,086	.....	\$60,381
Bureau.....	60,590	1½	100,933	4 30	434,231	8 55	518,044	.....	83,817
Carroll.....	37,818	1½	56,727	6 00	340,362	8 50	321,453	\$18,960	.....
Cook.....	498,363	1½	147,544	5 00	737,720	7 15	703,295	34,425	.....
DeKalb.....	64,203	2	128,412	5 50	707,286	7 20	462,283	243,983	.....
DuPage.....	32,053	1½	64,755	7 00	453,285	8 00	296,024	157,261	.....
Grundy.....	37,559	1	162,775	5 00	162,775	6 00	195,3 0	32,555	.....
Henry.....	13,024	1½	19,538	6 00	117,216	7 50	97,680	19,536	.....
Iroquois.....	54,389	1½	81,583	5 35	436,469	7 30	397,040	39,429	.....
JoDavies.....	45,693	1½	12,377	5 00	561,585	7 20	606,514	.....	44,929
Kane.....	51,226	1½	79,963	4 00	319,852	6 00	274,158	45,694	.....
Kankakee.....	69,384	1½	85,576	5 50	469,568	7 15	366,266	103,302	.....
Kendall.....	26,229	1½	86,730	5 35	464,005	6 00	416,304	47,701	.....
Knox.....	50,675	1½	45,901	5 35	245,570	8 30	217,701	27,869	.....
Lake.....	52,354	2	76,012	5 00	380,060	6 95	349,657	30,403	.....
LaSalle.....	81,934	1½	104,708	5 25	549,717	6 95	363,860	185,857	.....
Lee.....	70,315	2	143,384	5 00	716,920	7 60	532,571	184,349	.....
Livingston.....	20,920	1	152,630	4 00	610,520	6 00	579,994	30,526	.....
Marshall.....	58,502	1½	77,982	5 35	417,204	6 35	495,186	.....	77,982
McHenry.....	41,610	1	141,210	4 50	141,210	9 10	190,372	.....	49,162
Mercer.....	61,865	1½	102,378	6 00	614,298	8 25	482,641	131,627	.....
Ogle.....	28,282	1½	108,264	5 10	212,211	6 50	270,465	.....	58,251
Peoria.....	18,571	1½	42,423	5 35	519,212	7 50	463,967	115,225	.....
Putnam.....	33,198	1½	17,895	7 00	296,901	7 30	206,439	90,502	.....
Rock Island.....	18,571	1½	17,895	4 40	78,738	7 25	74,138	4,600	.....
Stark.....	34,752	1½	44,264	6 50	287,716	7 95	263,924	23,792	.....
Stephenson.....	34,507	1½	18,095	5 00	90,475	7 65	103,818	.....	13,343
Warren.....	60,984	1½	60,816	5 00	304,080	7 10	246,739	57,341	.....
Whiteside.....	92,000	1½	57,512	6 10	350,823	9 55	329,542	21,281	.....
Will.....	34,443	1½	106,722	4 80	512,265	7 30	445,183	67,083	.....
Winnebago.....	38,035	1½	122,667	7 50	920,002	6 00	552,000	368,002	.....
Woodford.....	30,385	1½	64,072	5 50	352,396	6 00	230,658	121,738	.....
Total or average.....	1,598,867	1½	2,504,295	\$5 30	\$13,334,453	\$7 20	\$11,547,535	\$2,207,341	\$420,423

CROP REPORT.

HAY—Central Division.

COUNTIES.	Acreage 1890, returned by Assessors.	Yield per acre in tons.	Total yield in tons.	Price per ton.	Value of crop (August 1, 1891)	Cost of produc- tion per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Adams.....	33,288	1½	41,610	\$8 00	\$332,880	\$8 70	\$289,606	\$43,274	.....
Brown.....	12,177	1½	21,310	6 00	127,860	9 15	111,419	16,441	.....
Calhoun.....	3,797	2	7,594	8 00	60,752	7 25	27,528	33,224	.....
Cass.....	4,884	1½	7,326	8 25	60,439	10 00	48,840	11,599	.....
Champaign.....	41,305	1½	61,957	5 35	331,470	7 25	299,461	32,009	.....
Christian.....	31,045	1½	38,806	5 90	228,955	8 00	248,360	.....	\$19,405
Clark.....	17,404	1	17,404	4 40	76,578	6 00	104,424	.....	27,846
Coles.....	11,746	1½	14,682	4 50	66,089	6 00	70,476	.....	4,407
Cumberland.....	3,623	1	3,623	5 30	19,202	6 15	22,281	.....	3,079
Dewitt.....	14,920	1½	19,893	5 50	109,411	8 50	126,820	.....	17,409
Douglas.....	16,120	1½	20,150	3 50	70,525	7 35	118,482	.....	47,957
Edgar.....	17,707	1½	22,134	4 00	88,536	6 55	115,981	.....	27,445
Ford.....	34,823	1½	46,431	5 00	232,155	7 80	271,619	.....	36,464
Fulton.....	38,248	1½	63,747	6 65	423,917	8 50	325,108	98,809	.....
Greene.....	11,443	1½	20,025	6 80	136,170	8 50	97,265	38,905	.....
Hancock.....	42,291	1½	56,388	6 80	383,438	7 65	289,693	93,745	.....
Jersey.....	14,463	1	14,463	7 35	106,303	8 85	110,642	.....	4,339
Logan.....	16,590	1½	27,050	6 51	179,725	8 25	136,867	42,858	.....
Macon.....	30,630	1½	51,050	7 25	370,112	7 65	234,319	135,793	.....
Madison.....	24,670	1½	30,837	6 00	185,022	7 05	186,258	.....	1,236
Macoupin.....	7,643	1½	11,464	7 50	85,980	8 45	81,526	24,454	.....
Mason.....	10,135	1½	13,676	5 75	78,637	8 45	86,072	.....	8,035
McDonough.....	59,237	1½	88,702	5 00	443,510	8 40	496,734	.....	53,224
McLean.....	50,135	1½	88,702	5 25	463,734	8 40	149,730	.....	9,361
Menard.....	17,825	1½	26,737	5 25	140,369	6 40	224,128	.....	16,588
Montgomery.....	35,020	1½	43,775	5 20	271,405	8 65	136,653	47,277	.....
Morgan.....	15,738	1½	21,064	5 70	120,065	6 00	23,904	2,656	.....
Moultrie.....	3,984	1½	5,812	5 00	26,560	7 00	23,904	.....	2,388
Platt.....	2,357	1½	2,946	5 35	15,761	7 70	18,149	.....	1,639
Pike.....	25,558	1½	42,597	6 25	266,231	9 20	235,134	31,097	.....
Sangamon.....	16,411	1½	27,352	6 00	164,112	10 10	165,751	.....	1,639
Schuyler.....	18,814	1½	28,221	6 00	169,326	9 00	169,326	.....	2,092
Scott.....	1,568	1½	2,091	5 50	11,500	6 00	9,408	2,092	.....
Shelby.....	14,437	1½	21,655	5 00	108,275	6 60	95,284	12,991	.....
Tazewell.....	24,795	1½	37,192	6 20	230,590	10 10	250,429	.....	19,839
Vermilion.....	28,925	1½	48,208	4 50	216,936	6 85	198,136	18,800	.....
Total or average.....	703,701	1½	1,008,072	\$5 90	\$5,938,776	\$7 90	\$5,556,413	\$386,024	303,661

CROP REPORT.

COUNTIES.	Acreage 1890, returned by Assessors.	Yield per acre In tons.	Total yield in tons.	Price per ton.	Value of crop August 1 1890.	Cost of produc- tion per acre	Total cost of production.	Profit on crop	Loss on crop.
Alexander.....	1,286	2	2,572	\$12 00	\$30,864	\$7 20	\$9,259	\$21,605	.....
Bond.....	14,458	1	14,458	6 35	91,808	6 60	95,423	.....	\$3,615
Clay.....	21,692	1	21,692	6 25	135,575	6 55	144,252	.....	8,677
Clinton.....	15,029	1	15,029	8 65	130,001	7 25	108,960	21,041	.....
Crawford.....	+16,902	1½	22,336	4 25	95,778	7 05	119,159	.....	23,381
Edwards.....	9,955	1¼	12,444	5 50	68,442	6 40	63,712	4,730	.....
Effingham.....	15,559	1	11,669	6 50	73,848	6 50	101,133	.....	25,285
Fayette.....	4,383	1	4,383	6 00	26,298	7 30	31,936	.....	5,668
Franklin.....	+8,713	1	8,713	7 00	61,862	7 75	67,526	.....	5,664
Gallatin.....	2,290	¾	1,717	8 65	14,852	9 55	21,869	.....	7,017
Hamilton.....	8,376	1¾	14,658	7 00	102,606	6 60	55,252	47,324	.....
Hardin.....	3,605	1½	5,407	7 00	37,849	10 10	36,410	1,439	.....
Jackson.....	19,961	3	29,883	8 00	239,064	9 10	90,645	148,419	.....
Jasper.....	15,498	1½	23,247	5 25	122,047	6 00	92,988	29,059	.....
Jefferson.....	+23,709	1½	11,854	6 50	77,051	6 00	142,254	.....	65,203
Johnson.....	5,123	1¾	8,965	1 50	103,097	6 85	35,092	68,005	.....
Lawrence.....	3,602	1¾	6,003	5 50	33,016	6 65	23,953	9,063	.....
Madison.....	19,793	1¼	24,741	8 75	216,484	8 15	161,313	55,171	.....
Marion.....	13,908	¾	10,431	5 65	58,385	6 70	93,184	.....	34,249
Massac.....	8,918	¾	6,688	10 09	66,880	8 80	78,478	.....	11,598
Monroe.....	11,664	1½	17,496	8 50	148,716	8 80	102,643	46,073	.....
Monroe.....	11,664	1½	17,496	8 50	148,716	8 80	102,643	46,073	.....
Perry.....	1,867	¾	1,400	8 35	87,775	7 05	55,582	32,193	.....
Pope.....	+7,884	1½	10,512	8 35	87,775	7 05	55,582	32,193	.....
Pulaski.....	14,431	2	8,862	9 35	82,860	7 60	33,676	49,184	.....
Randolph.....	20,479	1	15,987	11 35	181,452	7 85	103,915	77,537	.....
Richland.....	20,479	1	15,987	11 35	181,452	7 85	103,915	77,537	.....
Saline.....	8,444	1½	11,259	4 75	97,275	7 55	160,760	.....	63,485
St. Clair.....	26,140	1½	39,210	8 50	95,701	10 65	56,153	39,548	.....
Union.....	10,911	1½	18,185	11 00	441,112	6 65	278,391	162,721	.....
Wabash.....	+11,034	1¼	13,792	7 00	200,035	8 15	88,925	111,110	.....
Washington.....	9,885	1	9,885	9 00	96,544	7 35	81,100	15,444	.....
Wayne.....	733,439	1¼	41,799	4 50	88,965	7 25	71,066	17,299	.....
White.....	11,766	1¼	14,707	7 35	188,095	6 10	263,978	.....	15,883
Williamson.....	+5,706	1	5,706	6 50	108,096	7 50	88,245	19,851	.....
Total or average.....	402,397	1¼	486,369	\$7 50	\$3,653,272	\$7 30	\$2,947,919	\$976,810	\$271,463

*Estimated. Estimated same as last year.

CORN—Northern Division.

COUNTIES.	ACREAGE			CONDITION AUGUST 1,											
	Returned by Assessors 1889.	Returned by Assessors 1890.	Increase 1890.	Decrease 1890.	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880
Boone.....	32,674	34,127	1,453	.....	60	84	84	76	65	85	96	77	61	78	108
Bureau.....	132,379	161,791	9,412	.....	49	90	103	38	87	92	87	83	53	58	105
Carroll.....	67,175	65,267	.....	1,908	100	96	98	97	97	96	102	78	50	74	100
Cook.....	46,293	446,293	.....	.....	75	83	92	70	57	96	92	77	62	78	101
DeKalb.....	106,481	106,639	458	.....	78	87	107	77	79	100	107	77	57	78	114
DuPage.....	32,433	33,325	892	.....	82	81	94	70	80	100	100	92	70	73	105
Grundys.....	82,618	74,615	.....	7,943	60	67	107	44	62	93	98	54	62	77	86
Henderson.....	54,655	58,453	3,798	.....	51	109	100	60	50	73	100	75	48	59	103
Henry.....	149,779	132,851	.....	16,928	66	43	103	61	53	78	81	79	59	73	98
Iroquois.....	228,605	223,780	.....	4,825	81	55	103	82	99	106	104	85	52	100	80
JoDavies.....	57,396	57,600	204	.....	87	85	93	75	52	100	92	91	73	77	101
Kane.....	61,573	61,512	.....	61	77	91	97	65	68	97	97	81	82	85	108
Kankakee.....	90,935	90,279	.....	656	66	74	107	62	88	99	100	72	35	69	67
Kendall.....	58,505	59,025	520	.....	66	85	100	50	72	84	84	71	55	63	89
Knox.....	109,662	107,834	.....	1,828	61	97	106	69	73	88	112	88	46	93	91
Lake.....	25,670	23,763	.....	1,907	100	85	99	47	54	88	91	78	65	85	101
LaSalle.....	215,432	235,581	.....	3,312	62	100	96	48	59	91	90	69	52	47	93
Lee.....	118,009	114,697	.....	.....	84	87	104	92	68	92	100	78	72	85	108
Livingston.....	233,188	242,550	9,362	.....	77	89	85	52	75	87	93	75	57	95	97
Marshall.....	71,065	76,649	5,584	.....	72	84	95	63	58	87	99	81	57	77	93
McHenry.....	62,487	64,930	2,443	.....	72	93	100	40	58	96	104	92	75	82	115
Mercer.....	82,028	82,066	.....	.....	57	101	108	89	96	96	100	87	68	80	98
McHenry.....	122,617	121,951	2,274	.....	57	83	99	80	56	99	100	87	68	80	98
Ogle.....	68,434	54,723	.....	13,711	74	89	112	67	57	70	98	80	69	82	104
Peoria.....	25,717	26,067	350	.....	62	90	95	47	54	80	80	84	51	68	100
Putnam.....	51,743	49,042	.....	2,701	75	94	101	87	46	85	95	84	53	68	99
Rock Island.....	59,846	63,966	.....	13,880	63	95	105	81	82	99	101	92	70	76	96
Stark.....	70,090	66,423	.....	3,667	80	81	98	72	64	100	100	92	64	96	101
Stephenson.....	96,863	98,745	1,882	.....	66	100	105	65	72	89	105	88	50	78	96
Warren.....	102,430	99,241	.....	3,189	71	77	95	80	42	102	75	75	62	67	102
Whiteside.....	113,833	120,455	.....	2,878	84	85	101	46	44	95	99	83	64	87	103
Will.....	69,971	68,180	.....	1,811	79	85	94	75	57	107	105	91	59	93	96
Winnebago.....	101,719	100,070	.....	1,649	70	100	99	63	77	99	105	91	60	98	77
Woodford.....	.....	.....	.....	.....	71	87	99	66	65	92	97	81	61	80	97
Total or average.....	3,022,365	2,998,320	58,809	82,654	71	87	99	66	65	92	97	81	61	80	97

CORN—Central Division.

COUNTIES.	ACREAGE		CONDITION AUGUST 1.												
	Returned by Assessors 1889.	Returned by Assessors 1890.	Increase 1890.	Decrease 1890.	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880
Adams	76,677	68,924	.....	7,753	72	95	100	85	65	90	95	74	59	110	85
Brown	25,967	24,601	.....	1,366	77	92	103	78	67	80	95	82	62	110	75
Calhoun	12,834	15,448	2,614	.....	70	82	91	77	55	94	105	82	59	91	100
Cass	43,062	38,312	.....	4,750	85	100	117	67	60	98	100	73	85	108	87
Champaign	231,750	223,224	.....	8,526	89	79	108	47	95	120	100	96	60	80	93
Christian	113,488	64,347	.....	49,141	68	113	103	57	80	84	101	85	35	90	98
Clark	46,005	32,782	.....	13,223	49	93	105	24	85	81	85	105	57	86	86
Coles	49,558	31,853	.....	17,705	70	87	93	29	101	101	80	108	52	86	100
Cumberland	29,270	3,923	.....	25,347	61	101	122	30	95	60	68	96	42	56	98
Dewitt	82,276	77,545	.....	4,731	75	81	102	56	97	90	10	90	59	96	88
Douglas	79,542	46,859	.....	32,683	105	90	102	60	95	100	70	80	56	86	100
Edgar	87,502	47,133	.....	40,369	92	100	102	43	100	97	90	95	61	75	106
Ford	111,817	114,142	2,325	.....	80	76	100	40	90	102	91	100	59	77	86
Fulton	91,357	95,477	4,120	.....	97	94	108	73	50	89	99	85	53	111	100
Greene	58,006	37,313	.....	20,693	73	90	112	70	88	100	99	95	63	105	109
Hancock	94,339	68,524	.....	25,815	95	99	104	88	61	101	107	80	23	99	101
Jersey	36,716	35,600	.....	1,116	38	83	110	70	58	92	93	105	68	99	98
Logan	136,719	114,307	.....	22,412	76	95	108	61	79	104	91	85	60	94	82
Macon	100,721	56,850	.....	43,871	84	94	105	49	71	97	97	94	52	100	105
Macoupin	92,416	66,906	.....	25,510	64	76	97	56	67	95	80	87	61	105	109
Mason	82,851	65,877	.....	16,974	69	85	100	45	68	80	97	80	42	105	76
McDonough	39,552	26,200	.....	13,352	82	97	110	75	50	72	80	90	42	105	76
McLean	226,064	222,482	.....	3,582	74	85	106	47	77	88	95	84	52	90	80
Menard	76,940	76,940	.....	.....	92	84	112	77	75	101	91	89	58	108	95
Montgomery	99,478	71,877	.....	27,601	72	73	112	57	71	101	90	92	46	112	103
Morgan	95,295	94,260	.....	1,035	92	93	109	70	91	103	95	100	45	103	98
Moultrie	53,137	17,705	.....	35,432	70	76	97	53	93	103	95	100	45	103	98
Piatt	66,402	19,274	.....	47,128	85	70	105	37	100	98	102	94	52	100	93
Pike	71,369	62,390	.....	8,979	69	88	108	90	69	79	105	80	90	103	89
Sangamon	133,110	82,422	.....	50,688	97	95	104	62	73	112	100	95	55	111	102
Schuyler	42,142	43,887	1,745	.....	95	97	105	93	62	87	93	89	38	105	88
Scott	15,678	8,495	.....	7,183	90	94	113	72	65	85	108	78	56	107	77
Shelby	73,498	16,094	.....	57,404	66	94	114	31	110	92	85	99	53	84	100
Tazewell	99,468	90,759	.....	8,709	91	79	105	59	56	95	105	79	48	97	95
Vermilion	141,472	107,641	.....	33,831	99	75	113	45	105	93	93	108	53	86	117
Total or average	2,916,478	2,271,373	10,804	655,909	79	88	106	59	77	93	93	90	56	95	94

CROP REPORT

CORN—Southern Division.

COUNTIES.	ACREAGE			CONDITION AUGUST 1.											
	Returned by Assessors 1889.	Returned by Assessors 1890.	Increase 1890.	Decrease 1890.	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880
Alexander	8,268	68,924	60,656	.....	50	85	110	84	70	100	93	90	95	52	91
Bond	46,602	33,547	.....	13,055	62	81	119	36	81	97	91	81	92	33	87
Clay	36,626	34,278	.....	2,348	60	95	105	53	82	97	70	82	90	30	87
Clinton	46,512	41,367	.....	5,145	38	94	85	20	80	80	67	90	68	22	78
Crawford	35,009	+35,009	.....	.....	67	101	101	*69	85	85	76	1.5	70	42	93
Edwards	18,222	13,918	.....	4,304	67	96	100	105	85	110	77	110	80	50	92
Edinbham	44,327	29,083	.....	15,244	20	87	105	26	97	117	71	82	87	35	96
Fayette	42,677	7,394	.....	35,283	45	95	110	33	59	97	75	91	86	35	96
Franklin	24,719	+24,719	.....	.....	65	120	100	53	64	98	85	93	92	45	62
Gallatin	20,482	8,432	.....	12,050	55	75	105	87	85	84	81	102	93	44	45
Hamilton	30,992	16,885	.....	14,107	67	107	103	61	66	107	65	90	66	20	83
Hardin	11,245	8,250	.....	2,995	20	102	110	100	63	65	67	90	70	75	76
Jackson	19,845	+19,845	.....	.....	90	100	95	100	25	75	110	87	100	24	82
Jasper	39,158	28,776	.....	10,382	67	102	110	32	77	100	75	75	72	25	91
Jefferson	45,097	+45,097	.....	.....	43	107	91	45	37	100	53	98	76	15	88
Johnson	8,197	6,838	.....	.....	37	103	87	63	64	100	83	96	90	37	86
Lawrence	43,690	7,004	.....	36,686	63	103	103	65	58	97	83	106	65	50	86
Madison	85,448	61,133	.....	24,315	44	105	113	58	55	90	77	105	67	72	91
Marion	36,909	17,487	.....	19,422	57	90	95	39	77	72	87	93	66	60	87
Massac	17,817	9,886	.....	7,931	60	105	75	45	67	106	82	110	80	37	90
Monroe	17,916	14,107	.....	3,809	47	125	*98	*69	65	101	90	96	95	60	88
Perry	8,142	2,866	.....	4,276	68	111	92	66	28	90	84	84	13	58	88
Pope	18,892	+18,892	.....	.....	37	107	95	72	70	105	72	102	95	25	60
Pulaski	15,234	+15,234	.....	.....	53	71	100	62	55	97	105	95	110	53	96
Randolph	26,698	25,161	.....	1,507	50	101	87	83	42	113	86	97	87	18	91
Richland	32,646	31,403	.....	1,243	43	105	112	50	90	92	56	94	89	36	93
Saline	33,880	21,879	.....	12,001	52	100	115	70	75	82	82	100	62	55	95
St. Clair	57,719	53,615	.....	4,104	42	102	110	80	70	105	75	89	87	95	95
Union	20,278	17,253	.....	3,025	45	103	100	88	92	100	102	100	94	65	93
Wabash	21,176	+21,176	.....	.....	75	96	97	85	85	99	70	91	7	48	73
Washington	37,393	35,379	.....	2,014	36	106	101	41	28	96	72	98	105	7	50
Wayne	35,695	+35,695	.....	.....	50	101	90	70	73	99	65	95	76	81	68
White	51,278	35,864	.....	15,414	69	104	96	71	58	99	71	95	71	52	60
Williamson	11,665	+11,665	.....	.....	72	115	103	65	43	100	81	87	75	26	63
Total or average	1,049,424	858,061	60,656	990,782	53	103	100	62	66	95	79	94	79	40	80
*Estimated same as last year.															

*Estimated. +Estimated same as last year.

COUNTIES.	ACREAGE.		CONDITION AUGUST 1.												
	Returned by Assessors 1889.	Returned by Assessors 1890.	Increase 1890.	Decrease 1890.	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880
Boone.....	54, 114	49, 612	.....	4, 472	75	97	92	14	62	98	107	100	105	100	103
Bureau.....	120, 965	123, 494	2, 529	.....	55	105	98	17	56	95	105	105	75	82	100
Carroll.....	72, 051	69, 000	.....	3, 051	90	100	112	3	31	99	107	106	100	104	87
Cook.....	78, 394	478, 394	.....	.....	62	110	92	12	40	77	80	104	92	101	100
DeKalb.....	116, 019	112, 521	.....	3, 498	85	98	107	55	66	101	102	102	101	105	103
DuPage.....	52, 937	53, 101	164	.....	55	104	65	30	80	90	78	108	.....	90	110
Grundy.....	55, 660	61, 231	2, 574	.....	73	105	103	22	37	86	102	105	90	100	92
Henderson.....	85, 116	89, 350	4, 234	.....	43	107	102	28	37	90	100	106	96	86	97
Iroquois.....	130, 000	112, 954	.....	17, 046	47	103	104	8	41	72	102	103	106	82	92
JoDavies.....	137, 720	144, 119	6, 399	.....	76	101	96	3	49	93	104	105	100	105	100
Kane.....	92, 971	103, 613	10, 642	.....	75	105	92	15	53	95	105	106	106	10	91
Kankakee.....	11, 528	110, 069	.....	1, 459	70	102	90	7	52	97	91	108	105	103	105
Kendall.....	92, 072	97, 702	5, 630	.....	71	104	103	35	64	86	104	107	83	95	102
Knox.....	49, 072	51, 628	2, 556	.....	60	105	85	13	56	75	92	97	85	75	100
Lake.....	143, 509	152, 946	9, 437	.....	65	109	126	22	62	79	105	110	112	98	88
Lake.....	87, 890	87, 276	.....	614	87	116	97	25	51	95	86	106	101	109	104
LaSalle.....	127, 333	127, 945	612	.....	68	109	100	17	50	9	99	101	105	74	97
Lee.....	121, 434	108, 479	.....	12, 955	62	107	105	26	31	104	106	100	106	106	106
Livingston.....	116, 812	113, 978	.....	2, 834	58	94	87	17	43	92	105	108	97	75	87
Marshall.....	55, 088	49, 320	.....	5, 768	60	80	80	27	53	93	110	105	92	97	93
McHenry.....	139, 550	138, 696	.....	854	57	104	83	15	45	95	99	100	100	100	110
Mercer.....	103, 053	102, 512	.....	481	49	106	125	25	45	84	97	100	101	93	80
Ogle.....	107, 079	97, 197	.....	9, 882	67	100	90	16	50	100	107	106	103	103	100
Peoria.....	43, 935	43, 733	.....	202	32	107	102	25	3	67	93	112	103	93	90
Putnam.....	30, 227	25, 872	.....	4, 355	70	113	100	15	53	93	105	106	109	87	100
Rock Island.....	68, 535	70, 401	1, 866	.....	55	100	106	51	22	84	101	98	102	85	94
Stark.....	44, 369	40, 733	.....	3, 636	55	102	100	53	73	86	102	108	100	95	97
Stephenson.....	71, 725	63, 995	.....	7, 730	60	99	98	3	32	100	105	97	96	105	95
Warren.....	106, 511	100, 139	.....	6, 372	50	108	104	37	54	90	105	105	94	83	93
Whiteside.....	118, 462	107, 337	.....	11, 125	62	100	100	33	57	100	*99	105	92	75	93
Will.....	129, 416	125, 880	.....	3, 536	63	100	93	22	32	67	98	105	89	97	95
Winnebago.....	73, 256	74, 570	1, 314	.....	65	102	99	22	45	105	104	95	100	103	101
Woodford.....	48, 550	46, 353	.....	2, 217	64	100	99	10	45	100	105	115	96	104	81
Total or average.....	2, 988, 353	2, 934, 223	47, 957	102, 087	63	103	97	25	50	90	101	104	95	95	96

PASTURES—Central Division.

COUNTIES.	ACREAGE.		CONDITION AUGUST 1.												
	Returned by Assessors 1889.	Returned by Assessors 1890.	Increase 1890.	Decrease 1890.	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880
Adams.....	67,657	73,497	5,840	.....	45	100	80	55	62	90	97	96	94	100	78
Brown.....	25,580	20,253	.....	5,327	73	100	97	53	57	80	100	97	95	110	70
Calhoun.....	11,846	9,069	.....	2,817	63	90	85	50	40	90	110	90	85	110	70
Cass.....	20,840	23,451	3,111	.....	83	108	109	31	52	90	107	106	115	108	80
Champaign.....	114,506	112,132	.....	2,374	79	105	94	15	85	100	110	103	96	107	92
Christian.....	74,871	37,249	.....	37,622	52	107	97	47	72	72	88	100	106	108	100
Clark.....	53,206	24,964	.....	28,242	65	98	85	20	74	74	101	99	94	36	100
Coles.....	30,377	23,230	.....	7,147	50	109	87	9	84	98	110	106	101	69	95
Cumberland.....	18,921	22,192	.....	16,129	74	133	127	24	87	88	93	100	100	83	101
DeWitt.....	60,659	54,928	.....	5,731	65	109	102	54	95	85	114	106	92	95	87
Douglas.....	54,361	36,146	.....	18,215	100	108	100	28	100	93	100	100	98	77	85
Edgar.....	86,730	43,722	.....	43,038	77	97	91	20	85	95	95	100	84	50	103
Ford.....	57,753	57,517	.....	236	80	107	100	27	80	102	115	102	105	66	92
Fulton.....	82,176	85,152	.....	2,976	86	101	105	39	40	75	100	100	85	90	90
Greene.....	80,091	52,936	.....	27,098	77	105	103	67	85	93	102	103	85	100	106
Hancock.....	75,767	101,500	25,734	.....	84	19	106	51	50	82	97	103	100	98	94
Jersey.....	21,919	25,632	3,683	.....	35	94	100	39	32	101	107	90	72	80	75
Logan.....	56,871	48,244	.....	8,633	50	103	97	39	77	98	105	100	94	82	88
Macon.....	54,379	59,225	.....	23,646	61	103	97	39	77	98	105	100	94	82	88
Macoupin.....	89,241	99,225	.....	30,016	50	98	96	47	70	87	102	105	101	101	114
Mason.....	28,447	19,328	.....	9,119	63	101	94	35	36	80	103	98	92	70	92
McDonough.....	32,804	19,084	.....	13,729	50	108	100	33	25	75	100	105	105	100	63
McLean.....	151,386	135,099	.....	16,287	73	106	107	12	61	91	105	104	96	91	80
Menard.....	38,282	37,266	.....	1,016	80	104	87	35	75	100	102	100	102	95	78
Montgomery.....	76,673	61,050	.....	15,623	58	97	110	36	66	95	104	104	93	69	83
Morgan.....	118,707	128,841	10,134	.....	92	102	107	47	70	97	103	116	109	87	107
Moultrie.....	25,335	7,533	.....	17,802	52	90	92	30	83	96	103	95	95	68	87
Pike.....	27,585	7,323	.....	20,262	75	90	90	25	92	100	105	105	97	90	101
Pike.....	60,446	61,719	1,273	.....	100	98	102	69	64	99	108	100	116	93	93
Sangamon.....	101,407	62,119	.....	39,288	100	104	101	62	76	97	102	110	102	106	107
Schuyler.....	48,999	51,155	2,156	.....	75	107	102	40	50	80	107	102	92	92	90
Scott.....	7,841	4,683	.....	3,218	83	99	95	37	40	78	102	87	100	91	96
Shelby.....	57,428	13,008	.....	42,420	63	102	102	21	86	87	99	106	100	76	89
Tazewell.....	57,501	47,353	.....	10,168	99	106	103	30	46	93	102	104	100	82	107
Vermilion.....	111,125	74,702	.....	36,423	81	102	102	22	105	107	118	130	100	91	107
Total or average.....	2,081,766	1,654,496	54,907	482,187	69	103	99	36	68	91	104	102	98	85	91

PASTURES—Southern Division.

COUNTIES.	ACREAGE.			CONDITION AUGUST 1.											
	Returned by Assessors 1889.	Returned by Assessors 1890.	Increase 1890	Decrease 1890.	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880
Alexander	425	916	491	.....	75	105	102	70	82	90	100	112	90	75	88
Bond	35,421	26,889	.....	8,532	52	106	97	30	76	112	107	100	101	69	98
Clay	25,258	21,513	.....	3,745	77	109	91	55	67	95	93	100	97	36	71
Clinton	26,653	21,505	.....	5,148	25	107	100	*60	55	82	102	108	102	62	72
Crawford	30,989	+30,989	.....	.....	87	102	90	32	92	85	90	106	100	55	100
Edwards	15,239	12,321	.....	2,918	75	105	92	*67	75	82	90	100	92	90	96
Effingham	28,579	15,152	.....	13,427	51	122	96	26	83	112	79	100	100	68	92
Fayette	27,756	4,255	.....	23,541	37	100	95	23	52	92	85	106	91	62	72
Franklin	10,457	+0,457	.....	.....	89	106	100	43	56	80	100	106	115	50	90
Gallatin	3,871	1,627	.....	1,944	63	102	70	47	77	75	91	88	86	55	82
Hamilton	13,166	5,056	36	6,005	60	106	100	100	60	55	80	100	100	65	91
Hardin	5,020	+11,228	.....	.....	80	100	77	80	25	80	100	100	75	27	90
Jackson	11,228	19,539	325	.....	76	102	103	40	62	100	90	100	100	32	92
Jasper	19,214	35,145	.....	.....	42	105	89	67	42	92	83	100	100	38	100
Jefferson	35,145	3,828	.....	344	17	117	105	90	67	80	97	100	92	37	80
Johnson	4,172	4,395	.....	.....	63	106	78	62	95	78	87	100	100	37	96
Lawrence	21,414	28,504	.....	17,019	49	100	103	72	50	87	80	100	94	79	88
Madison	35,655	22,463	.....	16,440	72	100	73	70	68	87	80	95	89	30	95
Marion	38,903	22,463	.....	.....	40	100	50	35	69	99	105	96	80	52	88
Massac	3,576	4,641	1,065	.....	68	150	*90	*46	72	101	102	103	110	65	80
Monroe	7,008	7,188	180	.....	92	106	104	50	40	90	97	99	94	56	85
Perry	5,385	2,506	.....	2,819	45	115	110	65	70	100	100	100	102	17	72
Pope	9,887	+9,887	.....	.....	50	105	82	52	61	103	115	108	120	62	98
Pulaski	5,042	15,042	.....	.....	42	105	90	65	40	102	100	105	107	50	103
Randolph	20,545	20,405	.....	80	50	107	100	40	82	81	80	103	102	36	95
Richland	33,049	29,809	.....	3,240	62	110	90	85	75	85	100	100	95	48	100
Saline	11,082	7,413	.....	3,669	22	105	90	75	50	98	97	104	100	25	77
St. Clair	23,626	24,730	1,104	.....	22	102	100	63	85	83	102	87	90	56	95
Union	6,677	7,265	588	.....	25	101	76	65	80	82	79	92	99	40	95
Wabash	11,195	+11,195	.....	.....	58	106	97	47	27	85	88	105	106	30	50
Washington	25,044	27,507	2,553	.....	70	100	95	80	81	80	82	102	107	30	93
Wayne	35,190	+35,190	.....	.....	57	110	81	56	67	70	77	95	88	30	85
White	18,543	15,476	.....	3,067	63	107	100	57	41	85	98	101	97	27	76
Williamson	5,340	15,340	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total or average	609,754	497,007	6,342	119,089	55	107	91	56	63	88	93	101	97	47	84

*Estimated. †Estimated same as last year.

FARM AND FRUIT CROPS—Acreage, Condition and Yield, August 1, 1890—Northern Division.

COUNTIES.	Corn.		Broom Corn.	Sorghum.	Hemp.		To-bacco	Castor Beans.	Pas-tures.	Irish Potat's.	Sweet Potat's.	Buck-wheat		Turnips & Other Root Crops.	Field Peas.	Field Beans.	Apples.	Peach's.	Pears.	Plums.	Grapes.	Black-berries.	Quine's.	Yield per acre in tons.	Quality comp to an av.	
	Condition.	Condition.	Condition.	Condition.	Acreage com. with 1889.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Average com. with 1889.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Yield, comp with an av.	Condition.	Yield per acre in tons.		
Boone	60									37	95						22				80	75		1 1/2	100	
Bureau	49									56	28	100	70				24				50	100		1 1/2	96	
Carroll	100									90	50						42				65	58		2 1/2	103	
Cook	75									62	55		50				50				100			1 1/2	100	
DeKalb	78									85	33		100				15				25	87	65	2	100	
DuPage	82	90								55	37		100	85		95	25				80			2	100	
Grundy	60									75																
Henderson	51									33	20	70	50	25	80		20					59	70	1 1/2	92	
Henry	66	45	40				40	47	27	35	20		20	20	40		38					94	95	1 1/2	102	
Iroquois	81	100	98	125				76	39	73	100		100	87			72					70		2 1/2	100	
JoDavies	87	75						75	34		75		50	95	62		60					87		1 1/2	100	
Kane	77	75						70	46		75		60	60	77		30					73	91	1 1/2	96	
Kankakee	60							71	31	60	120		25	20	10		25					82		1 1/2	102	
Kendall	66							60	28	100	92		50	100		75	24					10		1 1/2	104	
Knox	61	68	90					65	33	54	95		80	77		98	39					75		2 1/2	100	
Lake	100	100						87	55	70	80		70	85	100	75	13							1 1/2	104	
LaSalle	62							68	35	42			25	25	95	62	31					48	98	2	98	
Lee	84							62	40	57	100		100	100	95	50	62					10		2 1/2	90	
Livingston	61		50					58	19		37		37	50			18					97	82	1 1/2	90	
Marshall	77		65					60	41	67	100		90	87			72					75	95	90	1 1/2	102
McHenry	72	50	70					37	34	50	90		90	82			76					70	100	1 1/2	100	
Mercer	57	80	90					49	29	100	50		100	100			34					35	44		100	
Ogle	67		50	50				67	40	15	100		100	100		50	37							1 1/2	100	
Peoria	74		50					32	32	62			60	90		42	42							1 1/2	120	
Putnam	62		58					70	35	68							30							2	98	
Rock Island	75		90					55	32	77				90			36							1 1/2	100	
Stark	63	70	80					80	32		75		80	50			32							1 1/2	102	
Stephenson	80		70					60	30		87		75	60			39							1 1/2	95	
Warren	66	95	82					50	33	52			100	40			52							1 1/2	101	
Whiteside	71		9					62	53	73	100		100	80			43							1 1/2	97	
Will	84		85	100				63	47	50			30	60			22							80	111	
Winnebago	79	80	77					65	29		30		60	47			50							82	86	
Woodford	70	90	75					04	33	72				17			65							2	90	

FARM AND FRUIT CROPS—Acreage, Condition and Yield, August 1, 1890—Central Division.

	COUNTIES.																								
	Corn.	Broom Corn.	Sorghum.	Hemp.	To-bacco.	Castor Beans.	Pas-tures.	Irish Potat's.	Sweet Potat's.	Buck-wheat.	Acreage com. with 1889.	Condition.	Turnips & Root Crops.	Field Peas.	Field Beans.	Apples.	Peach's.	Pears.	Plums.	Grapes.	Black-berries.	Quince's.	Clover.		
																							Condition.	Yield per acre in tons.	
Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Yield per acre in tons.	Quality comp. to an av.	
Adams.....	72	77	80	...	100	...	45	45	80	...	50	50	...	87	70	100	65	95	92	...	92	...	2 3/4	70	
Brown.....	77	77	90	...	100	...	70	37	40	...	90	80	...	65	40	20	30	80	103	...	103	...	2 1/2	102	
Calhoun.....	80	85	100	...	...	...	83	42	100	...	...	...	...	60	62	83	75	85	158	...	110	50	2	100
Cass.....	85	80	83	...	...	...	79	44	100	110	100	100	...	100	48	72	102	91	102	91	102	91	2 1/2	98
Champaign.....	68	80	70	...	...	...	52	34	52	...	100	100	...	50	44	54	67	70	71	60	100	100	1 1/2	103
Christian.....	49	80	66	...	83	...	65	25	69	97	72	100	...	36	34	45	20	75	100	...	100	100	1 1/2	100	
Clark.....	70	67	...	...	...	...	50	35	65	...	65	75	...	65	36	40	80	80	100	...	100	100	1 1/2	100
Coles.....	61	85	71	...	75	...	74	38	71	100	100	103	...	100	52	77	80	50	90	107	...	100	100	1 1/2	103
Cumberland.....	75	...	60	65	40	87	100	52	77	80	50	90	107	...	100	100	1 1/2	103
Dewitt.....	105	110	105	100	40	90	100	52	77	80	50	90	107	...	100	100	2	105
Douglas.....	90	95	95	...	...	...	77	55	87	100	90	...	...	50	55	60	75	85	110	...	105	...	2	110
Edgar.....	80	...	...	...	...	...	86	47	...	...	90	...	...	50	55	60	75	85	110	...	105	...	1 1/2	95
Ford.....	97	75	75	...	...	...	86	54	80	50	75	75	...	30	55	60	90	84	91	...	102	...	3	90
Fulton.....	73	100	87	...	65	...	77	48	70	95	100	100	...	100	52	49	70	44	100	...	103	...	1 1/2	96	
Greene.....	95	100	100	...	...	...	84	44	91	95	80	100	...	44	46	100	68	97	80	100	...	100	2 1/2	95
Hancock.....	38	50	50	...	...	...	35	27	50	...	75	10	...	47	37	57	10	77	97	10	100	...	1 1/2	97
Jersey.....	76	95	97	...	...	...	50	25	68	...	...	...	...	41	62	70	...	72	82	...	100	...	1	100
Logan.....	84	...	...	...	...	...	61	32	77	...	70	...	...	30	48	30	97	75	96	...	100	...	1 1/2	90
Macoupin.....	64	75	65	...	...	...	50	31	72	100	60	75	...	62	57	57	76	88	95	75	100	...	1 1/2	95
Mason.....	69	90	90	63	33	91	90	90	85	...	72	64	57	57	76	88	95	75	100	...	1 1/2	80
McDonough.....	82	75	65	...	...	...	50	30	56	100	50	87	...	75	49	53	45	64	78	...	103	...	1 1/2	98
McHenry.....	74	...	75	...	...	...	73	30	...	...	...	...	...	20	10	32	65	62	95	...	103	...	1 1/2	80
Menard.....	92	100	100	...	...	...	80	63	80	...	...	...	...	42	...	...	...	90	74	...	103	...	1 1/2	105
Montgomery.....	92	...	78	...	100	...	58	22	67	100	50	100	...	62	53	54	72	86	85	...	103	...	1 1/2	88	
Morgan.....	72	92	44	88	...	100	62	...	95	50	71	63	53	68	104	...	103	...	1 1/2	100
Moultrie.....	70	79	73	...	...	...	52	39	78	...	100	90	...	67	77	95	75	100	96	...	103	...	1 1/2	100
Platt.....	85	87	90	...	...	...	75	60	90	85	80	100	...	100	100	60	80	57	62	50	100	...	1 1/2	100
Pike.....	69	70	35	77	...	100	75	...	86	50	62	82	82	131	100	...	100	...	1 1/2	102
Sangamon.....	97	...	...	...	...	...	100	45	100	...	...	...	...	...	...	...	...	...	...	...	100	...	1 1/2	100
Schuyler.....	95	...	100	...	...	...	75	50	...	...	100	90	...	90	...	80	90	100	100	...	100	...	2	100
Scott.....	90	...	...	...	...	...	85	55	75	...	100	50	...	75	100	87	97	75	110	...	100	...	2	97
Shelby.....	66	82	75	...	86	...	63	40	53	57	55	22	45	51	45	67	60	83	102	...	110	...	1 1/2	83	
Tazewell.....	91	112	112	...	...	...	112	42	96	...	...	82	...	64	100	48	63	89	93	...	102	...	1 1/2	86
Vermilion.....	99	100	100	...	...	...	81	46	83	...	75	75	...	41	81	80	80	100	99	...	99	...	1 1/2	97

FARM AND FRUIT CROPS—Acreage, Condition and Yield, August 1890—Southern Division.

COUNTIES.	Hemp.			To-bacco.			Castor Beans.			Peas-tures.			Potat's.			Sweet Potat's.			Buck-wheat.			Turnips & Other Root Crops.			Field Peas.			Beans.			Apples.			Peach's.			Pears.			Plums.			Grapes.			Black-berries.			Quince's.			Clover.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	Corn.	Broom Corn.	Sorghum.	Average com. with 1889.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	Condition.	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DRAIN TILE—Northern Division.

COUNTIES.	Number of feet laid prior to 1886.	Number of feet laid in 1886.	Number of feet laid in 1887.	Number of feet laid in 1888.	Number of feet laid in 1889.	Total number of feet laid.	*Cultivated land.	Number of feet to each acre of cultivated land.
Boone.....	178,527	382,481	133,927	102,849	78,357	876,141	153,221	6
Bureau.....	8,224,395	1,064,752	427,903	327,954	286,782	10,429,799	437,815	24
Carroll.....	205,393	1,114,696	8,814	21,935	18,761	369,625	224,201	2
Cook.....	1,188,787	485,877	293,166	282,661	282,661	2,533,152	310,970	8
DeKalb.....	8,836,080	2,218,123	844,144	211,422	775,208	14,084,977	367,853	38
DuPage.....	2,809,080	487,282	215,820	411,490	194,876	3,978,518	175,161	22
Grundys.....	6,792,706	134,547	715,800	545,331	452,399	8,640,783	212,254	41
Henderson.....	862,647	270,152	82,977	21,310	800	1,237,916	200,524	6
Henry.....	6,329,532	644,917	166,051	85,293	141,609	7,365,402	389,773	19
Iroquois.....	8,594,086	3,289,774	2,330,886	2,642,256	2,737,235	19,594,237	597,446	33
Jo Daviess.....	31,624	28,965	6,598	13,963	8,110	91,262	258,411	—
Kane.....	4,463,235	101,229	1,079,799	1,071,278	737,531	7,341,903	276,262	26
Kankakee.....	2,700,997	499,849	499,849	242,644	400,277	3,917,966	334,443	12
Kendall.....	6,165,061	.....	449,557	22,346	182,594	6,819,503	187,856	36
Knox.....	7,877,381	789,540	321,719	167,963	164,156	9,320,759	388,193	24
Lake.....	597,985	221,130	251,220	270,076	321,916	1,662,347	203,154	8
LaSalle.....	20,331,468	4,260,589	1,886,378	884,432	893,641	28,261,508	581,530	48
Lee.....	496,791	817,173	537,464	343,149	462,145	2,656,723	384,425	7
Livingston.....	23,297,404	4,964,466	3,543,745	2,850,687	3,284,335	37,940,637	596,192	64
Marshall.....	4,055,675	770,109	253,006	190,176	226,837	5,555,893	195,514	28
McHenry.....	294,031	187,715	291,114	250,257	94,263	1,058,340	324,764	3
Mercer.....	3,147,746	107,746	107,142	86,868	157,626	3,909,787	269,682	14
Ogle.....	2,050,443	.....	221,860	221,110	130,259	2,622,672	394,316	7
Peoria.....	6,510,998	629,890	251,537	124,745	176,455	7,689,625	164,535	45
Putnam.....	2,313,771	374,887	67,390	53,525	16,970	2,826,543	77,079	37
Rock Island.....	927,171	207,641	66,522	66,595	132,306	1,401,235	186,226	7
Stark.....	4,306,084	273,419	101,595	53,390	23,888	4,743,376	129,475	37
Stephenson.....	75,623	119,449	10,650	113,505	27,099	346,326	242,965	1
Warren.....	5,625,946	850,101	443,929	216,246	246,245	7,382,467	288,041	26
Whiteside.....	364,769	201,262	448,812	124,065	65,065	1,203,973	335,516	3
Will.....	11,062,850	1,620,779	737,448	469,281	504,640	14,994,998	453,094	33
Winnebago.....	246,982	140,697	82,481	94,421	63,210	627,771	262,800	2
Woodford.....	12,238,35	1,250,538	563,761	484,313	454,489	14,991,416	257,705	58
Total or average.....	163,965,481	27,313,615	17,443,061	14,048,591	13,736,539	226,507,290	9,855,803	24

CROP REPORT.

DRAIN TILE—Central Division.

COUNTIES.	Number of feet laid prior to 1886.	Number of feet laid in 1886.	Number of feet laid in 1887.	Number of feet laid in 1888.	Number of feet laid in 1889.	Total number of feet laid.	*Cultivated land.	Number of feet of cultivated land.
Adams.....	194,345	28,838	28,700	13,567	9,885	275,445	276,327	1
Brown.....	1,282,983	95,025	35,216	3,478	6,105	1,422,807	89,270	16
Calhoun.....	37,200	.....	11,625	.....	3,700	58,525	55,255	1
Cass.....	3,411,289	280,128	115,936	39,750	133,800	4,010,903	107,592	37
Champaign.....	20,686,468	3,492,156	3,212,029	3,502,867	2,558,487	31,882,007	512,036	66
Christian.....	7,776,789	1,973,785	776,886	701,781	372,887	11,602,098	168,079	69
Clark.....	324,157	146,323	86,976	85,465	57,685	106,750	106,750	6
Colles.....	6,180,541	1,095,337	.....	502,596	648,061	8,426,535	97,322	86
Cumberland.....	307,924	148,419	64,356	18,422	1,980	604,101	12,900	47
DeWitt.....	6,562,422	827,227	318,917	225,748	493,113	8,427,427	197,957	42
Douglas.....	10,028,332	2,319,609	1,580,290	1,768,663	2,886,601	18,583,495	133,696	130
Edgar.....	12,483,576	1,837,585	1,894,965	1,215,226	324,836	17,726,188	144,109	123
Ford.....	3,863,071	1,712,919	2,593,821	1,215,226	1,312,224	9,472,035	272,182	35
Fulton.....	953,394	397,637	.....	264,155	174,293	8,443,871	312,547	27
Greene.....	1,934,552	215,673	54,756	124,809	66,375	2,396,355	133,865	17
Hancock.....	968,479	226,590	119,896	55,689	222,953	1,593,561	291,048	5
Jersey.....	65,146	6,222	.....	2,320	8,210	81,898	127,471	37
Logan.....	8,745,165	622,431	277,368	292,213	236,850	10,174,077	272,474	1
Macon.....	14,636,791	3,036,335	453,305	323,588	221,007	18,691,027	156,253	119
Macoupin.....	1,866,281	242,696	146,775	148,032	126,050	2,529,834	219,189	11
Mason.....	38,250	.....	14,630	17,530	17,905	88,315	176,204	—
McDonough.....	2,503,377	396,726	394,073	343,563	93,505	3,731,304	76,221	49
McLean.....	25,756,403	3,108,520	1,660,051	1,523,998	1,417,026	33,625,998	560,831	60
Menard.....	2,851,263	.....	70,000	16,100	15,500	2,952,923	181,851	16
Montgomery.....	238,168	110,250	76,943	52,376	70,300	548,037	231,825	2
Morgan.....	473,610	.....	166,307	55,325	76,200	771,442	315,109	2
Moultrie.....	4,406,048	680,049	450,346	869,345	93,576	6,508,364	38,222	170
Piatt.....	8,048,222	1,821,739	905,341	913,760	112,664	11,801,726	39,573	298
Pike.....	318,407	33,225	14,150	6,565	24,655	12,397,202	243,374	2
Sangamon.....	8,461,388	1,464,656	741,657	707,273	986,409	12,421,383	210,437	59
Schuyler.....	1,487,560	262,698	108,231	10,190	220,147	2,078,696	167,837	12
Scott.....	499,670	10,872	13,630	.....	43,583	547,945	25,031	22
Shelby.....	3,318,457	1,226,035	2,691,591	460,624	74,640	7,771,347	60,914	127
Tazewell.....	9,606,752	328,834	206,337	197,807	303,569	10,643,299	250,008	402
Vermilion.....	20,362,947	3,031,278	1,926,887	1,464,202	1,405,149	28,190,454	276,204	102
Total or average.....	196,450,723	32,235,025	21,548,628	16,050,097	14,706,121	281,081,196	6,542,223	43

DRAIN TILE—Southern Division.

COUNTIES.	Number of feet laid prior to 1886.	Number of feet laid in 1886.	Number of feet laid in 1887.	Number of feet laid in 1888.	Number of feet laid in 1889.	Total number of feet laid.	*Cultivated land.	Number of feet to each acre of cultivated land.
Alexander.....	6,340	4,355	2,325	30	1,500	.....	.....	17,074
Bond.....	26,925	3,800	.....	6,500	3,956	.....	.....	119,822
Clay.....	17,655	97,232	400	15,000	3,956	.....	.....	112,512
Clinton.....	507,665	3,800	9,025	37,194	.....	.....	.....	137,777
Crawford.....	35,630	3,753	5,928	5,120	4,957	.....	.....	121,373
Edwards.....	36,265	29,345	38,700	.....	.....	.....	.....	58,244
Effingham.....	9,195	1,810	4,580	4,790	.....	.....	.....	97,150
Fayette.....	.....	.....	3,200	50	.....	.....	.....	24,472
Franklin.....	134,478	5,578	18,166	9,108	19,200	.....	.....	78,000
Gallatin.....	1,740	.....	.....	.....	.....	.....	.....	23,827
Hamilton.....	16,665	57,096	.....	.....	.....	.....	.....	46,282
Hardin.....	2,290	6,200	.....	16,500	.....	.....	.....	10,848
Jackson.....	375,680	75	11,359	30	32,639	.....	.....	16,665
Jasper.....	1,876	.....	150	.....	.....	.....	.....	10,915
Jefferson.....	390	.....	.....	.....	.....	.....	.....	89,100
Johnson.....	83,535	40,797	95,983	49,736	.....	.....	.....	152,014
Lawrence.....	204,365	25,700	50,600	15,520	10,940	.....	.....	26,608
Madison.....	3,742	5,290	1,500	11,580	31,360	.....	.....	27,351
Marion.....	550	4,200	.....	.....	40	.....	.....	215,058
Massac.....	9,032	1,200	1,770	.....	.....	.....	.....	79,323
Monroe.....	2,400	5,415	25	.....	6,200	.....	.....	22,152
Perry.....	.....	.....	.....	.....	.....	.....	.....	45,611
Pope.....	.....	.....	.....	.....	.....	.....	.....	98,942
Pulaski.....	7,134	450	.....	.....	.....	.....	.....	16,635
Randolph.....	33,494	7,670	2,342	1,245	6,600	.....	.....	72,495
Richland.....	48,457	28,704	14,250	17,842	90	.....	.....	46,101
Saline.....	372,779	30,200	61,906	39,780	66,464	.....	.....	158,488
St. Clair.....	585	.....	.....	.....	19,562	.....	.....	121,430
Union.....	352,373	42,468	51,513	49,200	.....	.....	.....	44,026
Wabash.....	10,315	850	850	.....	.....	.....	.....	175,717
Washington.....	41,027	33,381	131,517	130,609	1,120	.....	.....	57,963
Wayne.....	696,882	.....	.....	.....	.....	.....	.....	257,886
White.....	.....	.....	.....	.....	100,146	.....	.....	64,705
Williamson.....	.....	.....	.....	.....	.....	.....	.....	495,554
Total or average.....	3,050,624	536,229	506,149	410,264	304,774	4,808,040	2,968,115	184,453

*Area of County, except woodland, uncultivated land and city and town real estate.
 —Where the amount of tile laid is less than 1 foot per acre, the minus sign is used.

FLAX SEED.

COUNTIES.	Average 1890, returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop August 1, 1890.	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Boone	117	*9	1,053	*1 25	\$1,316	\$10 05	\$1,176	\$140	.....
Cass	24	*9	216	*1 25	270	*9 50	228	42	.....
Champaign	114	*9	1,026	*1 25	1,282	8 65	986	296	.....
Christian	30	*9	270	*1 25	337	*9 50	285	52	.....
Clay	10	*9	90	*1 25	112	6 25	62	50	.....
Coles	15	*9	135	*1 25	169	10 25	154	15	.....
Cook	+239	*9	2,151	*1 25	2,589	10 00	2,390	299	.....
DeKalb	498	*9	4,482	*1 25	5,602	11 60	5,777	.....	\$175
DeWitt	15	*9	1,135	*1 25	1,69	*9 50	142	27	.....
Douglas	96	*9	1,864	*1 25	45	10 35	41	4	.....
DuPage	17	*9	1,153	*1 15	1,080	*9 50	912	168	.....
Payette	1,002	*9	9,018	*1 25	11,272	7 95	161	30	.....
Ford	70	*9	630	*1 25	787	*9 50	7,406	3,306	.....
Grundy	3	*9	27	*1 25	34	*9 50	665	122	.....
Henry	2,638	*9	23,742	*1 25	29,677	8 10	21,368	8,309	.....
Iroquois	10	*9	90	*1 25	112	6 00	60	52	.....
Jasper	39	*9	351	*1 25	439	11 10	433	6	.....
Kane	268	*9	2,412	*1 25	3,015	*9 50	2,516	499	.....
Kankakee	310	*9	2,790	*1 25	3,487	11 00	3,410	77	.....
Lake	8	*9	72	*1 25	90	9 80	78	12	.....
LaSalle	85	*9	765	*1 25	956	9 00	765	191	.....
Lee	824	*9	7,416	*1 25	9,270	9 75	8,034	1,236	.....
Livinston	1	*9	9	*1 25	11	*9 50	9	2	.....
Macoupin	27	*9	243	*1 25	304	11 00	297	7	.....
McHenry	102	*9	918	*1 25	1,147	*9 50	969	178	.....
McLean	30	*9	270	*1 25	337	*9 50	285	52	.....
Pike	62	*9	18	*1 25	22	8 50	17	5	.....
Randolph	269	*9	558	*1 25	697	12 05	747	.....	50
Sangamon	2	*9	2,421	*1 25	3,026	*9 50	2,555	471	.....
Vermilion	2	*9	18	*1 25	22	*9 50	19	3	.....
Washington	2,349	*9	21,141	*1 25	26,426	8 55	20,084	6,342	.....
Will	55	*9	495	*1 25	619	9 85	542	77	.....
Winnebago	9,335	9	84,015	*1 25	\$105,012	\$8 90	\$83,191	\$22,046	\$225
Total or average									

*Estimated. †Estimated same as last year.

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STATISTICAL REPORT

—OF—

—ILLINOIS—

State Board of Agriculture,

FOR —

DECEMBER 1, 1890.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

MADE TO THE

ILLINOIS STATE BOARD OF AGRICULTURE.

W. C. GARRARD, Secretary,

SPRINGFIELD.

CIRCULAR 151.

SPRINGFIELD, ILL.:
ILLINOIS STATE JOURNAL COMPANY.
1890.

Illinois State Board of Agriculture

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ILLINOIS CROP REPORT,

—FOR—

DECEMBER 1, 1890.

Synopsis of the Reports of Correspondents upon the Yield of the Principal
Crops, Etc.

ILLINOIS STATE BOARD OF AGRICULTURE, }
SPRINGFIELD, December 1, 1890. }

The information contained in this report as to acreage of crops and number of head of live stock was obtained from the reports of assessors made to this Department as required by law.

The data in regard to yield per acre, price of crops and value of live stock was obtained from crop correspondents, who number nearly six hundred, and represent every section of the State,

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the reports made by this Department.

A large number of the correspondents have been reporting to this Department for the past fourteen years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters.

The State covers such an extended area from north to south (385 miles) and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of crops.

WINTER GRAIN.

WHEAT.

The area seeded to winter wheat this fall is seven per cent. larger than in the fall of 1889, when the area seeded was 1,705,922 acres. The 1890 area is 1,834,378 acres. Of this increase, the area in the northern division of the State is 85,071 acres, or sixteen per cent. more than last year; in the central division, the area is 907,467 acres—an increase of five per cent, as compared with last year; and in the southern division, 841,840 acres—an increase of nine per cent.

The December 1 condition of the growing crop is about a seasonable average, being 101 per cent. in northern Illinois, 92 per cent. in central Illinois, and 108 per cent. in the southern division.

The fall was favorable for seeding, but the dry weather retarded the growth somewhat, and the Hessian fly has injured it considerably, in some sections.

It should be borne in mind that the information upon which this report is based was filed in the office of the Department of Agriculture the last two or three days in November, and the first three or four in December.

The colder weather of the early part of December developed the injury done by the Hessian fly, and should a report be made now, the condition of winter wheat, particularly in central Illinois, would be reduced very materially.

Hessian fly is specially reported as damaging the wheat in the counties of Henderson, Woodford, Clark, Hancock, Macoupin, Menard, Morgan, Tazewell, Clinton, Crawford, Perry, Knox, Peoria, Adams, Brown, Fulton, Greene, Logan, Montgomery, Pike, Scott, Shelby, Vermilion, Bond, Effingham, Madison, Richland, Saline, Union, Washington, Williamson, Fayette, Jasper, Jefferson, Lawrence, Monroe, Pulaski, Randolph, Cass, Christian, Douglas, Edgar, Mason, McDonough and Sangamon.

The drouth has interfered very materially with the growth of wheat, and in Morgan county, that sown on stubble-ground had not come up the first of December.

Some fields of wheat have been troubled by an insect resembling the wheat-bulb worm. Grasshoppers have troubled the early sown wheat in Union county.

RYE.

The area seeded to rye this season is 145,201 acres—a decrease of five points as compared with the 1889 area.

The December 1 condition is one point below a seasonable average. In the following counties a more favorable condition exists than is usual at this date, viz: Bureau, 102 per cent.; Carroll, 101; Cook, 103; DuPage, 105; Grundy, 101; Iroquois, 102; JoDaviess, 110; Kane, 107; Knox, 102; LaSalle, 105; McHenry, 105; Putnam, 108; Stephenson, 102; Brown, 110; Champaign, 107; Cumberland, 106; Pike, 103; Vermilion, 107; Clay, 107; Effingham, 120; Gallatin, 101; Jasper, 105; Jefferson, 110; Pope, 105; Wayne, 115; White, 102.

CORN.

There was a smaller area in corn this season than for many years past, being but 6,114,226 acres. The hot, dry weather of July was very injurious to corn, many of the ears failing to fill, so that the average yield per acre was but 27 bushels.

The total yield for the State was 164,512,020 bushels. In the northern division of the State, the average yield per acre was 25 bushels—total yield, 75,621,294 bushels. In the central division, the average yield was 32 bushels, making a total yield of 72,722,286 bushels, while in southern Illinois, only 19 bushels per acre was produced, or 16,117,440 bushels.

The largest yield reported was in the counties of Calhoun and Hancock, where the average yield per acre was 42 bushels, while Clinton county reported an average yield of but 9 bushels per acre.

QUALITY.

The quality of the corn this season is excellent, the warm, dry fall being favorable for its ripening and gathering.

In a few counties worms have injured corn, and there is also some complaint of dry rot. Soft corn is reported in the counties of Saline and Fayette.

VALUE OF CROP.

The ruling price obtained per bushel December 1, 45 cents, is the highest point which corn has reached since 1881, when it was 53 cents per bushel. The total value of the crop, at the December 1 price, is \$73,356,923, or about \$15,000,000 more than the 1889 corn crop was worth on December 1 of that year.

A table published elsewhere in this report gives by counties the area, yield and value of the corn crop for the current year.

The area, yield and value of the corn crop of the State for the past thirty-one years, is given in the following table

YEAR.	Number of acres,	Average yield per acre—bushels.	Bushels produced.	Price per bushel—cents.	Total value.	Value per acre.	Cost of production per acre	Total cost of production.	Profit.	Loss.
1860.....	3,839,159	30	115,174,770	42½	\$48,944,277	\$12 74	\$10 50	\$40,311,169	\$8,633,108	.....
1861.....	3,839,159	30	115,174,770	24	27,641,944	7 00	10 50	40,311,169	.....	\$12,669,225
1862.....	3,458,903	40	138,356,120	23	32,821,911	9 49	10 50	36,818,481	.....	3,496,570
1863.....	3,773,349	22	83,013,681	62	51,479,442	13 64	10 50	39,620,164	11,859,278	.....
1864.....	4,192,610	33	138,356,130	75	103,767,101	24 75	10 50	44,022,405	59,744,696	.....
1865.....	5,032,996	55 2	177,095,852	29½	51,800,536	10 31	10 50	52,751,958	.....	951,422
1866.....	4,931,783	31 6	155,844,350	43	67,031,070	13 58	10 50	51,783,721	15,229,349	.....
1867.....	4,563,655	23 8	109,091,000	68	74,281,880	16 20	10 50	48,128,377	26,153,503	.....
1868.....	3,928,742	34 2	134,363,000	43	57,786,090	14 70	10 50	41,251,791	16,524,299	.....
1869.....	5,237,068	23 2	121,500,000	57	69,255,000	13 22	10 50	54,989,214	14,265,786	.....
1870.....	5,720,965	35 2	202,378,000	35	70,482,300	12 32	10 50	60,070,132	10,412,168	.....
1871.....	5,310,469	38 3	206,391,000	32	65,085,020	12 25	10 50	55,759,921	9,325,169	.....
1872.....	5,468,040	39 8	217,628,000	24	52,230,720	9 53	10 50	57,474,420	.....	5,183,700
1873.....	6,839,714	21	143,684,000	32	45,962,880	6 72	10 50	71,816,997	.....	25,854,117
1874.....	7,421,055	18	153,579,000	56	74,804,240	10 08	10 50	77,921,077	.....	3,116,837
1875.....	8,163,265	34 3	280,000,000	34	95,200,000	11 66	10 50	85,714,282	9,485,718	.....
1876.....	8,920,000	25	223,000,000	31	69,130,000	7 75	10 50	93,660,000	.....	24,530,000
1877.....	8,935,411	30	269,889,742	28	77,562,879	8 68	10 50	93,821,815	.....	16,258,936
1878.....	8,672,088	29	250,560,810	22	56,035,842	6 46	10 50	91,056,924	.....	35,021,082
1879.....	7,918,881	38	305,933,377	32	97,483,052	12 16	10 50	88,148,250	14,334,802	.....
1880.....	7,574,545	33	250,697,036	33	83,757,009	11 56	10 50	79,411,857	4,345,182	.....
1881.....	7,157,334	24	174,491,706	53	93,328,977	12 72	10 52	75,303,074	18,025,903	.....
1882.....	7,371,950	24	179,471,729	42	76,528,755	10 08	10 55	77,802,326	.....	1,273,571
1883.....	7,304,596	25	186,583,558	36	68,067,698	9 00	10 50	76,689,138	.....	8,621,440
1884.....	6,898,819	33	207,556,662	29	60,300,153	8 74	10 45	72,080,712	.....	11,780,559
1885.....	7,212,657	32	230,922,298	28	64,850,545	8 99	10 50	75,682,246	.....	10,831,701
1886.....	7,153,289	25	182,755,053	30	54,772,027	7 66	10 45	74,642,284	.....	19,870,257
1887.....	6,719,126	19	129,537,603	41	53,718,691	7 99	10 45	70,250,210	.....	16,531,519
1888.....	7,047,813	39	277,726,457	28	79,245,114	11 24	9 75	68,874,820	10,370,294	.....
1889.....	6,988,267	35	247,980,589	23	58,337,049	8 35	9 75	68,272,872	.....	9,935,823
1890.....	6,114,226	27	164,512,020	45	73,356,923	12 00	8 99	54,966,113	18,390,810	.....

BROOM CORN.

The area devoted to broom corn this year—27,591 acres—is 1,807 acres smaller than the 1889 area. In the following counties over one thousand acres each was seeded to this crop, viz: Henry, 3,154 acres; Coles, 11,630; Douglas, 8,618, and Lawrence, 1,525 acres. The average yield per acre of ½ a ton, is the largest yield for seven years. The total product was 14,076 tons.

The price per ton, \$64, is not quite so high as that obtained in 1889, but the total value of the crop was \$904,311.

The following table gives the area, yield and value of the broom corn crop of Illinois since 1876:

YEAR.	Acreage.	Av. yield per acre— lbs.	Total yield— pounds.	Price per ton.	Value of crop.
1877.....	14,566	458	6,674,747	\$71 20	\$237,594
1878.....	18,258	614	11,218,168	49 50	277,645
1879.....	17,664	632	11,161,238	86 75	484,195
1880.....	18,652	775	14,457,156	77 40	559,447
1881.....	17,887	1,437	25,708,250	128 50	1,651,739
1882.....	43,036	225	9,693,187	80 00	387,680
1883.....	33,922	1,000	33,922,000	90 00	1,481,710
1884.....	25,173	750	16,228,000	72 00	585,572
1885.....	17,382	666	10,514,000	94 00	434,932
1886.....	37,633	526	19,914,000	78 00	776,963
1887.....	35,022	803	28,132,000	69 00	973,864
1888.....	41,807	672	28,118,000	57 00	797,245
1889.....	29,393	563	16,546,000	68 00	567,053
1890.....	27,591	1,020	28,152,000	64 00	904,311

SORGHUM.

Both the area in sorghum, and the average yield per acre, is smaller this year than last, but 8,712 acres being planted, and only 87 gallons of syrup per acre being produced.

The price received, 43 cents per gallon, was a little higher than the price for the last two years. The total value of the crop, based on the December 1 price, is \$326,720.

The following table gives the area, yield and value of the sorghum produced in the State since 1877:

YEAR.	Acreage.	Av. yield per acre— gals.	Total number of gallons.	Price per gallon.	Value of crop.
1877.....	19,335	63	1,237,164	\$0 42	\$515,409
1878.....	14,638	80	1,174,549	45	528,547
1879.....	17,883	73	1,309,400	38	497,572
1880.....	9,825	65	636,216	42	267,211
1881.....	8,263	55	456,774	55	251,193
1882.....	13,757	61	816,892	50	408,446
1883.....	14,023	90	1,272,287	50	604,157
1884.....	13,854	100	1,389,243	45	631,270
1885.....	13,890	92	1,289,446	40	519,622
1886.....	12,637	81	1,021,855	38	393,497
1887.....	11,231	60	673,736	46	309,098
1888.....	11,447	101	1,166,474	37	429,120
1889.....	10,352	93	966,197	37	353,883
1890.....	8,712	87	758,944	43	326,720

BUCKWHEAT.

The area in buckwheat this season, 3,080 acres, is 826 acres smaller than the 1889 area.

The average yield per acre is 15 bushels, making a total yield of 47,707 bushels.

The average price per bushel, 60 cents, is a little higher than last year. The total value of the crop is \$28,536.

Most of the buckwheat raised in this State is produced in the northern division, where was two-thirds of the entire area, and three-fourths of the crop.

The following table gives the area, yield and value of the buckwheat crop in this State for the past fourteen years.

YEAR.	Acreage.	Av. yield per acre.	Bushels produced.	Price per bushel.	Value of crop.
1877.....	15,880	13	207,696	\$0 73	\$151,612
1878.....	16,060	9	155,340	1 33	206,608
1879.....	10,786	10	112,180	77	85,257
1880.....	6,681	9	62,128	77	47,838
1881.....	8,648	4½	16,374	1 22	18,329
1882.....	2,469	25	63,743	77	49,838
1883.....	3,491	14	49,397	85	41,800
1884.....	3,526	17	58,641	64	37,864
1885.....	4,318	15	66,874	64	43,174
1886.....	4,830	13	64,136	56	36,256
1887.....	3,051	11	33,584	65	21,832
1888.....	2,193	16	35,752	65	23,350
1889.....	3,906	15	57,578	53	30,415
1890.....	3,080	15	47,707	60	28,536

HUNGARIAN AND MILLET.

Only about one-fourth as much Hungarian and millet seed was raised in the State in 1890 as in 1889, according to the returns made by the assessors.

The product this year was 39,188 bushels, which at the ruling price December 1, 63 cents, returned to the producers \$24,668.

The following table gives the yield and value of this crop since 1876.

YEAR.	Bushels produced.	Price per bushel.	Total value.
1877.....	17,463	\$0 65	\$10,701
1878.....	26,787	55	14,733
1879.....	43,776	75	32,832
1880.....	66,889	70	46,752
1881.....	76,180	95	72,370
1882.....	77,423	60	53,422
1883.....	70,007	62	43,201
1884.....	33,513	51	17,187
1885.....	22,203	60	13,418
1886.....	32,175	54	17,553
1887.....	39,049	65	25,385
1888.....	55,388	63	35,126
1889.....	154,468	49	75,944
1890.....	39,188	63	24,668

TIMOTHY SEED.

There was a much smaller yield of timothy seed this year than last, being but 182,635 bushels.

Never has the price of timothy been lower than this year, when it was but \$1.25 per bushel. In the years 1887 and 1888 the price was the same as this year, but at no other time. The value of the crop was \$232,277.

A table published elsewhere in this report gives the number of bushels of timothy seed produced in each county in Illinois in 1890, together with its value.

The following table gives the amount and value of the crop in the State since and including 1877:

YEAR.	Bushels produced.	Price per bushel.	Total value.
1877.....	482,571	\$1 25	\$604,464
1878.....	261,559	1 25	326,949
1879.....	213,329	2 25	479,990
1880.....	400,124	2 20	880,272
1881.....	426,531	2 60	1,108,980
1882.....	320,653	1 68	538,697
1883.....	353,895	1 35	476,447
1884.....	389,050	1 30	512,434
1885.....	167,456	1 55	258,976
1886.....	179,178	1 65	294,803
1887.....	139,561	2 25	311,421
1888.....	134,066	1 70	224,651
1889.....	323,763	1 35	434,300
1890.....	182,635	1 25	222,277

CLOVER SEED.

While there has been so marked a decrease in the production of both timothy and Hungarian and millet seed, there has been a corresponding increase in the amount of clover seed raised in the State. While but little over 78,000 bushels was raised in 1889, the 1890 product was 191,596 bushels, an amount never before equalled in this State.

The price, \$3.80, is rather below the average, but considering the supply, is very good.

The total value of the crop, \$729,638, has been exceeded but once, viz: in 1887.

In the following table will be found the yield and value of the crop of clover seed for 1890, as well as for the thirteen years preceding:

YEAR.	Bushels produced.	Price per bushel.	Total value.
1877.....	64,686	\$4 80	\$310,493
1878.....	77,388	4 05	313,421
1879.....	138,191	5 00	690,955
1880.....	87,144	4 60	400,862
1881.....	125,042	5 20	650,218
1882.....	55,862	5 00	279,310
1883.....	78,656	4 75	375,066
1884.....	138,920	4 40	609,945
1885.....	72,969	5 00	365,523
1886.....	132,612	4 30	524,271
1887.....	180,267	4 15	747,982
1888.....	122,906	4 60	563,413
1889.....	78,005	3 15	245,095
1890.....	191,596	3 80	729,638

BEANS.

The area in beans this year is the smallest devoted to that crop since 1886, there being only 1,391 acres.

The average yield per acre of 14 bushels, is a little larger than last year, the total yield being 19,921 bushels.

The price obtained, \$2.05 per bushel, was 60 cents per bushel higher than in 1889, making the value of the crop \$40,885.

CROP REPORT.

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The following table gives the area, yield and value of the 1890 crop of beans, together with those of thirteen years preceding:

YEAR.	Acreage.	Av. yield per acre.	Yield in bushels.	Price per bushel.	Value of crop.
1877.....	1,545	13	19,955	\$1 50	\$29,916
1878.....	1,669	16	18,627	1 35	25,146
1879.....	2,674	14	36,217	1 50	53,225
1880.....	1,398	11	15,894	1 60	25,430
1881.....	1,012	3	3,267	3 30	10,681
1882.....	983	9	9,776	2 22	21,103
1883.....	1,091	14	15,738	2 00	31,374
1884.....	1,621	13	21,335	1 55	33,017
1885.....	2,660	17	44,457	1 45	64,908
1886.....	1,222	16	17,785	1 60	28,806
1887.....	1,923	12	23,151	2 15	49,983
1888.....	2,434	14	34,651	1 60	54,776
1889.....	2,207	13	28,678	1 45	41,543
1890.....	1,591	14	19,921	2 05	40,885

CASTOR BEANS.

There is a much smaller area in castor beans this year than last, there being but 7,298 acres.

The average yield per acre is eight bushels—a fair average for a term of years. The total yield is 62,259 bushels.

While the price per bushel, \$1.50, is a little less than that received last year, it is above the average. The total value of the crop is \$93,919.

There are no castor beans raised in this State worth mentioning, except in the southern grand division.

In the following table is given the area, yield and value of the last fourteen crops of castor beans:

YEAR.	Acreage.	Av. yield per acre— bushels.	Yield in bushels.	Price per bushel.	Value of crop.
1877.....	4,503	3½	17,538	\$1 10	\$19,512
1878.....	371	7	2,526	1 25	3,157
1879.....	3,085	8 1-5	24,314	1 00	24,344
1880.....	500	6 4-5	3,480	1 05	3,654
1881.....	758	5¼	4,005	1 65	5,618
1882.....	2,088	2½	4,346	1 26	5,476
1883.....	433	8	3,464	1 35	4,668
1884.....	1,108	17	19,295	1 60	30,794
1885.....	3,825	12	46,283	1 65	76,997
1886.....	19,374	7	136,518	1 30	175,211
1887.....	14,978	7	95,721	1 00	95,596
1888.....	10,981	7	78,813	1 30	103,303
1889.....	9,681	8	78,283	1 80	141,180
1890.....	7,298	8	62,259	1 50	93,919

TOBACCO.

But half as large an area is devoted to tobacco in 1890 as in 1889, there being but 1,416 acres. The average yield per acre of 1,118 pounds is the largest ever recorded in this State.

The total product amounted to 1,583,046 pounds, which, at the reported price of 9 cents per pound, yielded to the producer \$138,282.

The following table gives the area, yield and value of the crop in this State since 1876.

YEAR.	Acreage.	Av. yield per acre— pounds.	Pounds produced.	Price per pound.	Value of crop.
1877.....	12,320	640	7,885,586	\$0 08	\$638,848
1878.....	3,833	584	2,268,492	07	158,794
1879.....	3,079	890	2,741,329	09	246,719
1880.....	4,091	668	2,736,407	08	218,912
1881.....	3,854	453	1,749,474	08	139,798
1882.....	3,798	622	2,345,931	07	164,215
1883.....	3,092	710	2,195,426	06	140,920
1884.....	4,842	767	3,716,408	09	321,582
1885.....	7,028	802	5,634,066	05	310,922
1886.....	10,365	745	7,719,704	04	313,714
1887.....	2,705	544	1,471,528	05	76,538
1888.....	4,107	800	3,287,017	04	133,576
1889.....	2,922	768	2,244,199	05	105,059
1890.....	1,416	1,118	1,583,046	09	138,282

PASTURES.

A smaller area than usual was devoted to pastures this year—only 5,038,438 acres.

At the reported valuation per acre of \$3.60, pastures were worth to the owner \$17,835,590.

More than half the pasture area is situated in the northern division of the State, but the highest average value per acre this year is in the central division, where the drought made pasturage scarce and high.

The following table gives the area and value of pastures for fourteen years past:

YEAR.	Acreage.	Value per acre.	Total value.
1877.....	4,367,603	\$3 38	\$14,764,112
1878.....	3,983,450	3 10	12,324,657
1879.....	4,193,884	2 95	12,319,620
1880.....	4,257,054	3 40	14,491,114
1881.....	2,206,621	3 40	14,397,176
1882.....	4,697,966	3 75	17,578,690
1883.....	4,752,828	3 60	17,073,741
1884.....	5,085,817	3 8	19,241,247
1885.....	5,417,147	3 25	17,729,714
1886.....	5,537,873	3 45	19,248,896
1887.....	5,650,571	3 10	17,327,126
1888.....	5,796,935	3 85	22,259,067
1889.....	5,679,874	3 90	18,862,811
1890.....	5,083,438	3 60	17,835,590

VEGETABLES.

IRISH POTATOES.

The Irish potato crop this season may be called phenomenal. The area, 93,947 acres, is but 83 per cent. of the 1889 area, and is the smallest area devoted to this crop since 1881, when there was but 87,357 acres planted.

Never in the recorded history of the State has the yield per acre of Irish potatoes been so small as this year, when but 31 bushels per acre was produced—less than 25 per cent of last year's yield.

The reduced area and small yield make the total yield for the State the smallest known—3,079,009 bushels.

The prevailing price, December 1, was 97 cents per bushel, and had the growers disposed of their crop at that time, they would have received \$3,006,464—a total value of but little less than the average.

YEAR.	Number of acres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	69,225	80	5,540,390	\$0 31	\$1,717,520	\$24 80	\$20 55	\$1,423,190	\$294,330	
1861.....	69,225	80	5,540,390	20	1,606,713	23 19	20 55	1,423,190	183,523	
1862.....	64,444	100	6,444,400	40	2,577,762	40 00	20 55	1,324,324	1,253,438	
1863.....	73,650	70	5,155,523	74	3,815,687	51 80	20 55	1,513,507	2,301,580	
1864.....	55,521	81½	4,511,083	1 15	5,187,745	93 43	20 55	1,140,956	4,036,789	
1865.....	50,124	117	5,864,408	47	2,770,933	55 27	20 55	1,030,048	1,740,885	
1866.....	55,983	86½	5,102,035	64	3,265,302	55 36	20 55	1,212,100	2,053,202	
1867.....	60,710	60½	3,673,000	1 20	4,407,600	72 60	20 55	1,247,590	3,160,010	
1868.....	53,521	71	3,800,000	81	3,078,000	57 51	20 55	1,099,856	1,978,144	
1869.....	72,815	103	7,500,000	41	3,075,000	42 23	20 55	1,496,348	1,578,652	
1870.....	104,037	81	8,427,000	64	5,393,280	51 84	20 55	2,147,960	3,255,320	
1871.....	117,409	61	7,162,000	85	6,087,700	51 94	20 55	2,412,755	3,674,945	
1872.....	128,006	75	9,668,000	46	4,448,280	34 50	20 55	2,649,018	1,798,262	
1873.....	137,750	40	5,510,000	1 12	6,171,200	44 80	20 55	2,830,762	3,340,438	
1874.....	135,236	55	7,438,000	83	6,173,540	45 65	20 55	2,779,100	3,394,440	
1875.....	118,750	128	15,200,000	32	4,864,000	40 96	20 55	2,540,312	2,424,688	
1876.....	126,000	75	9,450,000	61	5,764,500	45 75	20 55	2,589,800	3,175,200	
1877.....	98,717	71	6,795,349	45	3,057,907	32 95	20 55	1,966,984	1,090,923	
1878.....	81,466	63	5,093,477	47	2,394,874	29 61	20 55	1,674,003	720,871	
1879.....	90,351	78	7,125,932	50	3,507,788	39 00	20 55	1,856,713	1,650,075	
1880.....	93,387	69	6,470,811	56	3,689,348	38 64	20 55	1,992,702	1,696,646	
1881.....	85,357	47	4,043,377	1 08	4,393,676	50 76	20 55	1,805,478	2,591,198	
1882.....	106,895	100	10,730,234	58	6,261,307	58 00	21 10	2,255,346	4,005,961	
1883.....	118,766	125	14,483,006	35	5,105,233	43 75	21 10	2,507,842	2,622,892	
1884.....	125,893	94	11,806,082	35	4,093,956	32 52	21 00	2,642,399	1,451,557	
1885.....	113,452	89	10,146,159	45	4,377,401	38 58	21 20	2,403,996	1,963,405	
1886.....	114,868	80	9,179,631	45	4,126,265	35 92	21 25	2,441,895	1,684,370	
1887.....	125,168	44	5,471,356	80	4,363,282	34 86	2 32	2,669,440	1,693,842	
1888.....	123,911	100	12,431,627	37	4,554,268	36 75	22 10	2,740,973	1,833,295	
1889.....	119,632	129	15,484,390	25	3,930,177	32 85	22 10	2,647,105	1,283,072	
1890.....	99,907	31	3,079,009	97	3,006,464	30 09	19 95	1,995,869	1,012,595	

SWEET POTATOES.

The area devoted to sweet potatoes this year, 2,492 acres, is smaller than since 1881. The yield per acre of 91 bushels is rather above the average for a term of years—the total yield amounting to 226,319 bushels.

The price per bushel, 93 cents, has been exceeded but twice since 1876—in 1881 and 1888.

The total value of the crop was \$207,580.

The following table gives the area, yield, and value of the sweet potato crop of the State since 1876:

YEAR.	Acreage.	Av. yield per acre— bushels.	Yield in bushels.	Price per bushel.	Value of crop.
1877	2,355	63	148,270	\$0 85	\$126,029
1878	1,729	67	116,944	85	99,402
1879	1,423	88	126,169	90	112,552
1880	3,382	66	224,523	90	202,070
1881	1,815	63	114,486	1 08	123,645
1882	2,785	77	216,283	80	173,020
1883	2,696	83	228,605	75	171,847
1884	2,681	108	276,304	67	184,077
1885	2,825	92	261,590	59	153,716
1886	3,306	87	286,505	59	197,401
1887	2,881	68	196,594	95	186,084
1888	3,221	100	323,906	69	224,743
1889	4,126	90	370,616	58	215,646
1890	2,492	91	226,319	93	207,580

TURNIPS AND OTHER ROOT CROPS.

There was a smaller area devoted to turnips and other root crops in 1890 than for two years past, the area, as reported by assessors, being but 2,793 acres.

The average value per acre, \$46.16, is the lowest value since 1880. The total value of the crop was \$128,947. The average yield of turnips per acre was 117 bushels.

The following table gives the acreage and value of turnips and other root crops grown in the State during the past fourteen years:

YEAR.	Acreage.	Value per acre.	Value of crop.
1877	7,056	\$39 55	\$279,136
1878	3,775	40 85	154,140
1879	3,130	23 15	722,444
1880	2,300	45 85	105,414
1881	3,046	147 20	448,869
1882	3,809	245 25	934,291
1883	4,361	205 75	897,304
1884	3,856	75 75	292,181
1885	3,002	83 50	257,887
1886	5,062	76 75	383,986
1887	2,592	81 20	210,432
1888	3,802	98 12	354,046
1889	4,509	118 42	533,950
1890	2,793	46 16	128,947

OTHER CROPS NOT NAMED.

Of the miscellaneous small crops, no one of which is raised in the State to a sufficient amount to justify a table by itself, but which, in the aggregate, amount to quite a sum, the value of the 1890 crop was \$134,321

A table elsewhere in this report shows the distribution of this amount by counties.

LIVE STOCK.

HOGS.

There is an increase in the number of hogs assessed in May, 1890, as compared with the same date in 1889, of 270,178. The number assessed in 1890 was 3,966,620, which, at the equalized value of \$1.39 per head, are worth \$5,513,602.

The number of hogs marketed during the year was 3,292,179, with an average weight of 230 pounds per head, or a gross weight of 758,375,074 pounds.

The price obtained for hogs, \$3.60 per cwt., was unusually low, the total value of hogs sold being but \$27,396,351.

Hog cholera has prevailed in a great many counties, and been exceedingly fatal, so that the supply of hogson hand December 1, 1890, is but 82 per cent. of the number on hand December 1, 1889. Cholera has been reported from forty-four counties.

In Henderson county, it is the worst known in years, and not enough hogs are left for breeding stock. In Warren and Stephenson counties, it has been exceedingly fatal, especially among young pigs. In Crawford county, 30 per cent. of the hogs are said to have died, and 50 per cent. in White county. In Coles county some farmers have lost their entire herds of hogs from this cause. Thousands of hogs are dying with cholera in Fulton county. In Greene county, the disease is principally confined to stock hogs. In Douglas county, the young hogs are dying with cholera, and another disease which affects the lungs, and sometimes the brain; and in Union county, there is some disease among fat hogs.

The following table gives the number of hogs assessed and marketed in 1890, as well as their weight and value, for the last thirty-five years:

YEAR.	Assessors' Returns.		Estimated per cent marketed.	Number fat hogs marketed	Av. gross weight per head.	Total gross weight.	Value per 100 lbs. gross.	Total value hog product.
	Number.	Value.						
1856.....	1,596,903	\$3,375,247	70	1,117,832	*262	292,871,984	\$4 75	\$13,911,426
1857.....	1,896,585	4,032,588	70	1,325,509	*262	347,283,358	3 90	13,544,049
1858.....	1,908,603	3,482,116	70	1,336,022	*262	350,037,764	5 05	17,876,909
1859.....	1,725,328	2,495,042	70	1,207,750	*262	316,425,260	4 70	14,871,989
1860.....	1,530,256	2,745,915	70	1,071,179	*262	280,648,898	4 55	12,769,525
1861.....	2,196,581	4,032,874	70	1,537,607	*262	402,853,034	2 46	9,869,898
1862.....	2,601,395	3,198,807	70	1,820,976	*262	477,695,712	3 35	15,982,706
1863.....	2,508,138	2,249,109	70	1,754,296	*262	459,625,552	5 85	24,589,964
1864.....	2,044,847	2,799,158	70	1,441,391	*262	375,024,442	11 45	42,940,294
1865.....	1,746,005	3,359,591	70	1,220,103	288	351,389,664	9 35	32,854,937
1866.....	2,007,500	4,474,354	70	1,405,250	290	407,532,500	5 75	23,432,544
1867.....	2,616,814	5,230,731	70	1,831,770	251	459,774,270	6 35	29,195,668
1868.....	2,300,150	3,692,869	70	1,670,105	257	418,796,985	8 15	33,724,475
1869.....	2,056,304	3,929,832	70	1,429,413	256	365,929,728	9 20	33,665,532
1870.....	2,220,651	4,114,108	70	1,554,456	207	446,138,872	5 25	23,421,767
1871.....	2,938,749	4,613,529	70	2,057,124	284	584,293,216	4 10	23,953,131
1872.....	3,292,165	4,660,736	70	2,004,515	290	668,309,350	3 75	25,061,599
1873.....	3,560,192	11,279,720	70	2,492,134	267	665,399,778	4 35	28,944,891
1874.....	3,452,213	8,972,402	70	2,416,549	261	630,719,289	6 65	41,942,833
1875.....	2,808,969	8,157,128	70	1,966,978	271	533,051,038	7 05	37,580,095
1876.....	2,665,935	8,934,673	70	1,866,154	268	500,129,272	5 75	28,757,435
1877.....	2,961,366	7,580,920	82	2,455,573	252	618,804,366	4 25	26,299,187
1878.....	2,365,550	4,991,275	68	2,271,493	242	550,955,097	2 80	15,428,743
1879.....	2,799,051	3,812,328	90	2,543,278	276	702,162,812	3 30	23,189,392
1880.....	3,293,557	4,800,364	84	2,642,606	248	656,485,450	4 00	26,259,416
1881.....	2,872,074	5,354,800	71	2,039,149	234	492,096,606	5 25	25,946,977
1882.....	3,390,335	5,455,161	83	2,813,961	244	686,908,678	6 40	43,832,117
1883.....	3,414,739	5,767,778	83	2,834,220	233	786,454,022	4 75	32,702,001
1884.....	2,808,898	5,205,740	83	2,361,374	236	549,650,787	4 50	24,886,854
1885.....	3,858,030	6,018,527	83	3,202,145	239	764,111,688	3 50	26,673,739
1886.....	3,701,495	4,885,973	83	3,072,229	234	719,271,490	3 60	26,076,402
1887.....	3,313,317	4,903,709	83	2,749,941	231	636,049,783	4 10	26,187,640
1888.....	4,035,738	4,930,741	83	3,349,646	233	777,523,634	4 90	37,759,881
1889.....	3,969,442	5,618,592	83	3,068,036	240	736,120,051	3 70	27,348,904
1890.....	3,966,620	5,513,602	83	3,292,179	230	758,375,074	3 60	27,396,351

*Estimated.

CATTLE.

There was 303,596 fewer cattle assessed in 1890 than in 1889. The assessors report 2,095,595 head of cattle, as owned in Illinois last May.

The number marketed was 481,975—the average weight per head being 1,100 pounds. The total gross weight of cattle marketed was 530,317,883 pounds.

The price per cwt., \$3.15, was a little higher than that obtained last year, but is much lower than usual. The total value of the cattle marketed during the year was \$16,675,731.

Cattle, as a rule, have been healthy during the past year, though a few complaints of disease have been received, as follows: In Henry and Warren counties there has been some black-leg among cattle, and in Clark county black tongue and sore neck are reported.

Cattle have been affected with sore mouth in the counties of Macoupin, Brown, Christian (in which county a good many cattle died), Pike, Bond, Edwards, Richland, Washington, Wayne, and McDonough.

In Alexander county a few calves have died from an unknown disease. In Clay and Williamson counties lumpy jaw is reported as existing to some extent, and in Saline county 'rabies' has affected both horses, and cattle.

The following table gives the number, weight and value of the cattle marketed in the State since 1855:

YEAR.	Assessors' Returns.		Estimated percent marketed.	Number beef cattle marketed.	Av. gross weight per head.	Total gross weight.	Value per 100 lbs. gross.	Value beef cattle marketed.
	Number.	Value.						
1856	1,169,855	\$15,572,065	20	239,971	*1,000	239,971,090	*4 75	\$11,113,622
1857	1,351,209	16,171,830	20	270,242	*1,000	270,242,000	*4 75	12,836,495
1858	1,422,249	44,442,821	20	284,450	*1,000	284,450,000	*4 75	13,541,375
1859	1,336,565	12,371,600	20	267,513	*1,000	266,513,000	*4 75	12,706,867
1860	1,425,978	12,468,537	20	285,196	*1,000	285,196,000	*5 00	14,259,800
1861	1,428,362	11,494,803	20	285,672	*1,000	285,672,000	*5 00	14,283,000
1862	1,603,946	11,032,662	20	320,790	*1,000	320,790,000	*5 00	16,039,500
1863	1,684,892	12,699,732	20	336,978	*1,000	336,978,000	*5 00	16,848,900
1864	1,370,783	13,709,418	20	374,157	*1,000	374,157,000	5 05	13,844,928
1865	1,568,280	14,285,862	20	213,656	*1,000	213,656,000	5 70	12,178,392
1866	1,435,769	13,279,620	20	287,154	*1,000	287,154,000	5 60	16,080,626
1867	1,386,381	17,179,165	20	297,276	*1,000	297,276,000	5 75	17,093,370
1868	1,520,963	15,801,830	20	304,195	1,085	340,049,405	5 73	18,977,840
1869	1,584,445	15,497,350	20	316,889	1,103	346,528,567	5 70	19,923,130
1870	1,578,015	14,555,321	20	315,603	1,110	350,319,330	5 85	20,493,679
1871	1,611,349	14,605,415	20	322,270	1,129	363,842,830	4 75	17,282,533
1872	1,684,029	14,778,925	20	336,809	1,137	382,948,422	4 85	18,572,997
1873	2,015,819	35,776,899	20	403,164	1,145	461,622,780	4 50	20,773,026
1874	2,042,327	31,928,374	20	408,465	1,152	470,551,689	4 85	22,821,757
1875	1,985,155	28,323,950	20	397,031	1,147	445,394,557	4 85	22,086,633
1876	1,857,301	24,827,932	20	371,460	1,156	429,407,760	4 05	17,891,076
1877	1,750,931	21,677,643	24	423,984	1,097	448,151,088	4 25	19,006,421
1878	1,775,401	19,861,633	20	357,816	1,021	365,458,112	3 45	12,608,304
1879	1,862,265	18,893,811	24	467,331	980	448,463,450	3 50	15,696,219
1880	1,999,788	19,895,484	23	473,727	1,042	493,554,661	3 65	18,014,743
1881	2,045,366	20,528,846	23	470,424	1,129	531,280,052	4 15	21,950,890
1882	2,042,902	20,497,966	23	462,943	1,060	517,619,770	4 45	23,135,715
1883	1,959,807	20,581,411	23	453,056	1,060	481,144,410	4 25	20,448,637
1884	1,990,927	20,176,698	23	457,887	1,093	500,412,461	4 50	22,521,246
1885	2,166,059	20,815,827	23	497,586	1,101	548,126,905	3 95	21,595,137
1886	2,337,074	20,659,734	23	538,921	1,104	595,120,157	3 50	21,005,174
1887	2,480,401	20,612,132	23	571,481	1,060	605,887,679	3 25	19,631,401
1888	2,465,288	17,528,198	23	567,011	1,079	612,056,304	3 35	20,402,836
1889	2,398,191	15,804,079	23	551,571	1,115	615,094,645	3 00	18,388,190
1890	2,095,595	13,474,676	23	481,975	1,100	530,317,883	3 15	16,675,731

*Estimated

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The supply of cattle on hand December 1 is but 86 per cent., as compared with last year at same date.

SHEEP.

The number of sheep assessed May 1 is a trifle less than last year—there being but 638,584.

The number marketed was 140,476, with an average weight of 101 pounds, or a gross weight of 14,195,236 pounds.

The price per cwt., \$3.90, is the most that has been paid since 1877. The aggregate value of the sheep marketed was \$556,720. No disease of any description has been reported among sheep.

YEAR.	Assessors' Returns.		Estimated per cent marketed.	Number fat sheep marketed	Av. gross weight per head.	Total gross weight.	Value per 100 lbs. gross.	Value fat sheep product.
	Number.	Value.						
1856	786,433	\$940,034	20	157,286	*90	14,155,740	*\$3 50	\$495,450
1857	760,602	881,226	20	152,120	*90	13,690,300	*3 70	506,560
1858	760,793	806,455	20	152,158	90	13,694,220	2 30	314,967
1859	647,334	682,082	20	129,467	91	11,791,497	3 80	447,694
1860	584,430	695,035	20	116,886	95	11,104,170	3 30	366,440
1861	731,809	747,437	20	146,278	104	15,212,704	3 30	366,439
1862	913,024	982,285	20	182,605	102	18,625,710	3 90	625,402
1863	1,206,625	1,910,654	20	241,325	110	26,565,750	4 95	1,214,012
1864	1,606,144	2,876,696	20	321,229	111	35,656,319	5 91	2,107,293
1865	2,165,972	3,955,102	20	433,194	*90	38,987,460	5 65	3,292,788
1866	2,416,980	3,283,595	20	483,016	104	50,233,664	4 35	2,185,196
1867	2,599,998	3,512,590	20	519,999	98	50,950,922	*4 25	2,195,796
1868	2,836,717	2,337,896	20	467,343	*90	42,960,870	3 80	1,598,314
1869	1,957,513	1,612,472	20	391,513	85	33,278,605	3 85	2,281,226
1870	1,434,236	994,610	20	286,847	*90	25,816,230	4 19	1,058,464
1871	1,073,497	632,254	20	214,699	*90	19,322,910	4 40	850,207
1872	1,010,475	1,024,468	20	202,095	*90	17,188,550	4 15	754,826
1873	1,092,104	2,135,593	20	218,421	*90	19,657,890	4 75	933,750
1874	1,036,631	1,676,090	20	207,366	*90	18,962,744	4 40	821,168
1875	928,056	1,399,397	20	185,611	*90	19,704,990	4 90	818,545
1876	824,854	1,185,756	20	164,971	*90	14,874,390	4 50	698,193
1877	777,105	1,008,054	*31	241,422	95	23,176,512	4 40	1,019,766
1878	775,757	883,036	*18	144,762	86	12,531,597	3 89	476,201
1879	847,101	930,607	*22	191,368	94	18,071,371	2 98	538,528
1880	964,696	1,346,822	*20	193,384	92	17,807,358	3 40	605,448
1881	1,088,544	1,403,352	*24	261,230	101	26,550,072	3 55	938,861
1882	1,203,183	1,348,181	22	264,576	101	26,641,005	3 60	954,863
1883	1,141,104	1,264,202	22	651,031	102	25,506,495	3 40	874,853
1884	933,330	1,083,853	22	205,322	100	20,603,032	3 30	679,758
1885	953,933	973,012	22	209,554	98	20,691,213	2 85	589,516
1886	892,644	848,012	22	196,375	99	19,538,651	3 00	582,509
1887	777,716	746,607	22	168,010	99	16,668,685	3 05	511,765
1888	682,093	654,809	22	150,052	100	15,078,544	3 30	494,842
1889	666,723	653,388	22	146,675	99	14,533,330	3 55	517,756
1890	638,584	651,356	22	140,476	101	14,195,236	3 90	556,720

*Estimated. †Assessors' returns.

WOOL.

The wool clip of 1890, 2,420,227 pounds, was 347,358 pounds less than that of 1889.

The price per pound, 23 cents, is the same as that of last year, and the total value of the clip is \$569,112.

The following table gives the number of pounds shorn, the price per pound, and the total value of the wool clip for fourteen years past.

YEAR.	Number lbs. shorn.	Price per pound.	Total value.
1877	3,291,677	\$0 30	\$987,503
1878	2,891,087	25	722,752
1879	3,944,558	35	1,380,595
1880	4,757,938	34	1,617,698
1881	4,636,711	29	1,344,646
1882	4,570,081	27	1,233,922
1883	4,447,808	26	1,099,822
1884	4,301,024	21	912,418
1885	3,833,505	21	815,509
1886	3,577,253	23	843,521
1887	3,130,132	24	753,554
1888	2,927,015	22	654,594
1889	2,767,585	23	642,735
1890	2,420,227	23	569,112

HORSES.

The number of horses assessed in 1890, 880,490, is 110,604 less than the number in 1889.

The number of colts foaled in 1889 was 129,871—a decrease of 10,320 since 1888.

While horses generally have been healthy, there has been distemper in seventeen counties, though usually in a mild form. In Knox county a good many horses have had farcy, and in Alexander and Pulaski counties some have died from something like blind staggers. In Bond county horses have suffered somewhat with lung trouble, and pink-eye has prevailed in some localities in Franklin county. Several horses in Gallatin county have died from an unknown disease. In Pope county a good many horses have had glanders, and some have been killed. Many of the spring colts in Saline county have died of diarrhea.

The following table gives the number of horses assessed in the State since 1855, and their equalized valuation, as well as the number of colts foaled each year:

YEAR.	Assessors' Returns.		Number colts foaled.
	Number.	Value.	
1856	407,736	\$23,118,584	.....
1857	467,531	25,434,171	.....
1858	513,030	23,680,592	.....
1859	532,247	21,404,351	.....
1860	590,963	22,359,202	.....
1861	625,242	21,064,138	.....
1862	664,194	19,893,415	.....
1863	652,500	21,714,820	.....
1864	723,751	25,148,408	.....
1865	793,259	28,055,559	.....
1866	792,751	27,764,215	.....
1867	843,610	32,625,865	.....
1868	854,852	29,025,015	.....
1869	874,237	27,702,942	.....
1870	875,009	25,081,419	.....
1871	880,254	23,986,565	.....
1872	892,250	23,450,717	.....
1873	932,002	48,855,005	.....
1874	926,573	42,549,570	.....
1875	923,468	37,813,706	.....
1876	929,910	34,332,380	.....
1877	915,995	31,054,628	.....
1878	904,948	26,817,560	.....
1879	887,288	23,624,921	49,952
1880	912,586	24,239,974	74,764
1881	981,909	25,418,310	80,150
1882	913,005	25,762,131	71,843
1883	915,36	20,341,695	81,818
1884	916,909	26,053,694	104,238
1885	846,899	23,001,777	115,797
1886	884,438	23,110,365	122,491
1887	914,986	23,606,639	137,565
1888	956,909	23,807,896	140,191
1889	931,094	22,541,786	129,871
1890	880,490	20,216,050	.....

DAIRY PRODUCTS.

MILK.

With the exception of 1879, the quantity of milk sold in 1890 is the largest on record—there having been 83,178,807 gallons sold

The price per gallon, 14 cents, is rather above the average for a term of years, and this, in connection with the increased quantity, makes the total value of milk sold in the State the greatest ever received, viz: \$11,919,486.

The following table gives the number of gallons and value of the milk sold in the State during the past fourteen years:

YEAR.	Gallons sold.	Price per gallon.	Total value.
1877.....	17,124,506	\$0 11 1-6	\$1,912,236
1878.....	30,567,415	10½	3,209,579
1879.....	96,659,845	08	7,732,788
1880.....	38,986,861	09 1-6	3,573,796
1881.....	40,153,488	09½	3,814,581
1882.....	41,433,620	20	8,286,724
1883.....	43,006,273	14	5,923,207
1884.....	50,056,318	13	6,703,071
1885.....	54,321,937	14	7,583,372
1886.....	53,413,133	12	6,679,360
1887.....	42,000,560	13	5,505,375
1888.....	67,185,426	13	8,895,166
1889.....	69,874,016	11	6,466,110
1890.....	83,178,807	14	11,919,486

CREAM.

The quantity and value of the cream sold in the State since 1876 is given in the following table:

YEAR.	Gallons sold.	Price per gallon.	Total value.
1877.....	2,744,259	\$0 55	\$1,509,342
1878.....	62,707	52	32,608
1879.....	230,497	49	112,943
1880.....	601,314	50	300,657
1881.....	1,380,939	51	704,279
1882.....	2,188,396	62	1,356,805
1883.....	2,324,579	27	1,229,826
1884.....	1,479,183	40	600,219
1885.....	2,553,415	46	1,184,986
1886.....	3,468,498	50	1,728,293
1887.....	2,435,439	52	1,271,451
1888.....	3,418,261	49	1,663,023
1889.....	2,778,952	49	1,352,587
1890.....	2,072,695	50	1,039,452

BUTTER.

In the following table will be found the quantity and value of the butter sold in Illinois during the past fourteen years:

YEAR.	Pounds sold.	Price per pound.	Total value.
1877.....	18,970,227	\$0 20	\$3,794,045
1878.....	17,997,652	15	2,699,648
1879.....	25,028,225	19	4,755,363
1880.....	24,553,449	20	4,910,690
1881.....	21,578,414	26	5,610,647
1882.....	21,658,054	25	5,414,763
1883.....	22,198,370	25	5,606,737
1884.....	22,696,333	21	4,749,507
1885.....	20,166,720	19	3,812,664
1886.....	19,779,293	19	3,726,323
1887.....	19,121,237	21	3,970,919
1888.....	21,568,159	23	5,009,069
1889.....	22,840,988	18	4,175,224
1890.....	21,118,266	20	4,295,267

CHEESE.

The following table shows the quantity and value of the cheese sold in the State since 1876:

YEAR.	Pounds sold.	Price per pound.	Total value.
1877.....	4,502,671	\$0 12	\$540,320
1878.....	3,139,914	10	513,691
1879.....	6,618,212	13	860,367
1880.....	6,187,680	13	803,398
1881.....	5,837,974	15	875,696
1882.....	5,252,086	14	735,285
1883.....	4,931,826	14	672,474
1884.....	4,795,697	10	488,622
1885.....	2,312,266	10	230,795
1886.....	2,557,865	10	267,503
1887.....	3,484,933	12	422,018
1888.....	2,064,134	12	253,618
1889.....	1,600,592	12	185,778
1890.....	1,704,536	12	205,669

Tables published elsewhere in this report give, by counties, the quantity and value of the dairy products of the State for 1890.

An examination of these tables discloses the fact, perhaps not generally known, that the dairy interest is very slightly developed in the central and southern divisions of the State—fully nine-tenths of the amount received from this industry being in the northern division.

FRUITS.

The fruit crop this year has been smaller than for several years past, particularly the apple crop. The small yield was largely due to the cold snap in the spring, after the buds were partially developed, which killed many of them and injured the others, so that the quality of the fruit is very poor.

APPLES.

The present crop of apples is the smallest raised in the State since 1876—there being but 1,460,408 bushels.

The scarcity of the fruit brought the price up to 96 cents per bushel—a price exceeded but once in fourteen years. The value of the crop this year was \$1,398,954.

The following table gives the number of bushels of apples, and the value of the crops, since 1876.

YEAR.	Number of bushels.	Price per bushel.	Value of crop.
1877	5,395,351	\$0 80	\$4,316,281
1878	4,940,811	65	3,211,527
1879	5,958,690	75	4,469,017
1880	10,342,186	56	5,791,624
1881	2,659,529	1 22	3,244,625
1882	6,557,128	80	5,245,702
1883	6,818,520	75	5,134,042
1884	4,152,925	65	2,697,850
1885	3,778,644	61	2,292,731
1886	4,037,765	52	2,118,640
1887	1,958,338	85	1,704,695
1888	2,393,870	45	1,074,099
1889	5,016,616	56	2,822,859
1890	1,460,408	96	1,398,954

PEACHES.

After two years of "plenty," so far as peaches are concerned, the crop of 1890 dropped back to 37,170 bushels—only one-fifth as large as the 1889 crop.

The price obtained, \$1.30, brought the value of the crop up to \$48,259.

The following table gives the quantity and value of the peaches produced in the State during the past fourteen years:

YEAR.	Number of bushels.	Price per bushel	Value of crop.
1877	402,587	\$0 92	\$370,280
1878	607,292	62	376,521
1879	25,749	1 34	34,503
1880	398,970	80	219,176
1881	96,507	1 55	149,586
1882	319,911	83	265,526
1883	280,923	1 10	286,765
1884	135,329	1 70	227,443
1885	51,466	75	38,741
1886	36,783	1 25	45,705
1887	12,829	1 20	15,213
1888	153,566	61	93,683
1889	177,145	77	136,782
1890	37,170	1 30	48,259

PEARS.

The following table gives the extent and value of the pear crop of the State since and including 1877:

YEAR.	Number of bushels.	Price per bushel.	Value of crop.
1877.....	16,318	\$1 35	\$22,704
1878.....	13,510	1 25	16,887
1879.....	6,134	1 55	9,508
1880.....	35,714	1 30	46,428
1881.....	14,135	1 80	25,443
1882.....	9,964	1 33	13,252
1883.....	7,128	1 80	12,737
1884.....	4,418	1 40	6,128
1885.....	11,450	1 05	12,317
1886.....	5,579	1 15	7,489
1887.....	5,526	1 75	9,671
1888.....	5,372	1 00	5,533
1889.....	12,616	93	11,766
1890.....	7,374	1 25	9,351

GRAPES.

The following table gives particulars concerning the grape crop of the State for the past fourteen years:

YEAR.	Pounds produced.	Price per pound.	Total value.
1877.....	3,002,748	\$0 03	\$92,782
1878.....	1,322,636	03	7,679
1879.....	3,174,952	03	95,548
1880.....	7,833,011	03	234,991
1881.....	1,115,902	04	55,795
1882.....	1,013,390	04	40,536
1883.....	695,100	05	36,344
1884.....	467,014	05	22,500
1885.....	331,404	04	13,472
1886.....	972,773	04	26,389
1887.....	2,318,40	03	81,837
1888.....	2,273,996	03	75,322
1889.....	2,313,060	03	79,735
1890.....	1,780,152	04	66,027

WINE.

The following table gives the number of gallons of wine, and the value thereof, during the past fourteen years:

YEAR.	Acreage.	Av. Yield per acre in gallons.	Number of gallons.	Price per gallon.	Total value of wine made.
1877.....	2,612	61	158,944	\$1 20	\$191,933
1878.....	5,178	27	142,964	1 20	171,557
1879.....	2,800	112	326,323	1 30	424,290
1880.....	4,340	122	530,990	1 15	610,638
1881.....	3,663	35	129,830	1 35	175,282
1882.....	3,235	30	96,282	86	82,802
1883.....	3,500	21	73,898	1 20	85,518
1884.....	1,092	21	43,114	1 15	48,605
1885.....	1,447	31	44,936	95	43,125
1886.....	2,255	50	112,714	1 05	121,408
1887.....	4,115	58	240,549	65	155,934
1888.....	1,459	80	117,297	95	110,617
1889.....	3,612	21	75,737	95	72,811
1890.....	2,772	17	46,974	97	46,305

OTHER FRUITS AND BERRIES.

The following table gives the acreage and value of other fruits and berries not named above, for the past fourteen years:

YEAR.	Acreage.	Value per acre.	Value of crop.
1877.....	4,523	\$35 53	\$178,800
1878.....	2,569	55 51	197,581
1879.....	3,111	59 62	185,488
1880.....	7,803	29 65	231,417
1881.....	7,670	26 34	298,086
1882.....	5,881	47 50	279,360
1883.....	4,583	58 33	267,313
1884.....	10,181	24 63	250,747
1885.....	6,401	32 46	305,123
1886.....	7,884	29 82	235,140
1887.....	7,528	27 25	205,140
1888.....	5,902	25 10	148,340
1889.....	5,626	22 50	126,685
1890.....	5,213	18 42	96,049

STRAWBERRIES.

Owing to the growing interest taken in raising this fruit, and the increased acreage from year to year, it has been deemed advisable to add to this report a table giving the value of the crop by counties.

The total value of the 1889 crop was \$233,108, and that of 1890, \$217,341. Of this amount \$22,599 was returned from the northern division of the State, \$75,551 from the central, and \$119,191 from the southern division.

WATERMELONS.

While the growing of this crop has not yet attained such dimensions as that of strawberries, fruit-growers in quite a number of counties are devoting their attention to it, and it is predicted that the industry will grow steadily. In 1889, the value of the crop amounted to \$35,284, and in 1890 to \$33,667.

HONEY.

The past winter was not a favorable one for bees, and the amount of honey produced was 27 per cent. less than in 1889, when 2,128,060 pounds were produced. In 1890 there was but 1,566,584 pounds produced, over half of which came from northern Illinois.

POULTRY AND EGGS.

The value of the poultry sold in 1890, \$1,211,459, was 99 per cent., as compared with 1889. The value of eggs sold was 1 per cent more than last year, when \$997,123 was received from this source. The value of eggs sold in 1890 was \$1,004,235.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the market value of the crop. The official acreage of the crops, as reported by the assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. In reporting condition, 100 is used by correspondents to represent a fair, seasonable, average vitality or growth unaffected by storms, insects or contingencies; an increase of one-tenth or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The correspondents of the Department are, as a rule, experienced farmers who have made the study of the conditions and yield of crops their life work, conservative men who realize the necessity for the work done by this Department and assist it by their gratuitous reports.

It is not pretended that these reports will exactly coincide with the official assessors' returns, but they do represent the condition or yield of the various crops etc., at the dates given, as estimated by men experienced in this work, and their estimates, for a term of years, will be found to closely approximate the assessors' returns.

W. C. GARRARD,

Secretary.

MARKET PRICE FARM PRODUCTS DECEMBER 1, 1890.

CROP REPORT.

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NORTHERN DIVISION

	Corn—per bushel.	Winter Wheat— per bushel.	Spring Wheat— per bushel.	Oats—per bushel.	Rye—per bushel.	Barley—per bushel.	Buckwheat—per bushel.	White Beans—per bushel.	Castor Beans— per bushel.	Peas—per bushel.	Irish Potatoes— per bushel.	Sweet Potatoes— per bushel.	Winter Apples— per bushel.	Peaches, in their season—per bushel.	Pears, in their season—per bushel.	Grapes, in their season—per pound.
Boone.....	\$0 47	\$0 92	\$0 85	\$0 41	\$0 59	\$0 57	\$0 55	\$1 75	.....	\$1 00	87	.....	\$1 35	.....	.....	\$0 05
Bureau.....	47	90	78	42	52	60	1 06	2 75	.....	3 00	1 00	1 00	1 25	.....	.....	03
Carroll.....	44	80	80	42	56	48	90	2 00	\$1 50	.....	1 00	1 25	1 25	.....	.....	05
Cook.....	51	1 00	1 00	43	63	52	57	1 85	.....	.....	1 00	1 60	1 31	.....	.....	04
DeKalb.....	50	85	80	42	65	60	60	1 85	.....	.....	80	.....	1 10	\$3 00	.....	04
DuPage.....	48	80	77	42	58	52	60	.....	.....	.....	92	.....	1 45	.....	\$1 00	04
Grundy.....	47	.....	.....	42	.....	.....	.....	.....	.....	.....	1 00	.....	.....	.....	.....	.....
Henderson.....	47	90	85	40	55	55	1 06	.....	.....	.....	1 00	1 00	1 25	.....	.....	03
Henry.....	42	80	80	42	56	48	90	2 75	.....	3 00	1 00	1 25	1 25	.....	3 00	03
Iroquois.....	44	.....	72	38	43	.....	.....	2 00	.....	.....	1 05	1 10	1 50	1 35	.....	03
Jo Daviess.....	45	95	95	40	55	48	30	1 00	.....	.....	90	2 45	1 35	.....	.....	05
Kane.....	50	95	92	44	64	70	57	1 85	.....	1 50	1 00	2 50	1 40	1 50	.....	04
Kankakee.....	47	87	41	54	.....	.....	50	.....	.....	.....	1 00	2 50	2 00	.....	.....	04
Kendall.....	47	90	85	41	60	.....	.....	2 60	1 00	.....	1 05	2 00	2 00	.....	4 00	04
Knox.....	45	96	85	43	62	80	1 00	2 25	.....	.....	92	.....	1 00	.....	.....	04
Lake.....	50	96	90	45	57	.....	80	.....	.....	.....	92	.....	1 00	2 50	.....	04
LaSalle.....	46	92	90	41	60	.....	.....	2 25	.....	.....	93	1 25	1 65	2 00	.....	03
Lee.....	50	93	87	41	60	50	1 00	3 00	.....	.....	93	1 25	1 65	2 00	.....	05
Livingston.....	45	80	75	42	50	.....	75	2 00	.....	.....	95	1 50	1 25	2 00	.....	04
Marshall.....	44	86	84	42	53	55	60	2 00	.....	.....	97	1 30	1 15	3 00	3 00	05
McHenry.....	50	90	91	35	58	57	42	1 75	.....	2 00	92	1 30	1 25	.....	.....	05
Mercer.....	46	83	72	42	41	.....	.....	.....	.....	.....	1 00	1 15	1 00	.....	.....	04
Ogle.....	47	70	70	43	54	55	50	2 00	.....	.....	90	1 35	1 40	.....	.....	05
Peoria.....	46	87	75	46	60	.....	60	2 75	.....	.....	97	1 25	1 00	1 25	.....	05
Putnam.....	44	86	84	41	56	75	80	.....	.....	.....	90	1 35	1 15	.....	.....	04
Rock Island.....	43	98	84	37	57	55	48	.....	.....	.....	90	1 00	1 00	.....	.....	04
Stark.....	46	90	85	43	56	55	48	1 35	.....	.....	1 00	1 75	1 05	.....	.....	03
Stephenson.....	44	97	93	42	60	55	.....	2 00	.....	.....	1 00	3 00	1 35	.....	.....	03
Warren.....	45	87	83	45	55	.....	80	2 00	.....	.....	1 05	1 65	1 10	2 40	3 00	04
Whiteside.....	44	90	79	37	61	55	.....	2 00	.....	.....	95	1 50	1 30	.....	.....	04
Will.....	46	.....	.....	43	61	.....	40	2 00	.....	.....	90	.....	2 80	.....	.....	04
Winnebago.....	49	93	80	43	62	50	80	.....	.....	.....	87	1 80	1 35	.....	.....	04
Woodford.....	46	92	85	43	70	50	.....	2 50	.....	.....	97	1 80	1 35	2 35	1 95	03

CROP REPORT.

MARKET PRICE FARM PRODUCTS DECEMBER 1, 1890—Continued.

CENTRAL DIVISION.															
Corn—per bushel.	Winter Wheat— per bushel.	Spring Wheat— per bushel.	Oats—per bushel.	Rye—per bushel.	Barley—per bushel.	Buckwheat—per bushel.	White Beans—per bushel.	Castor Beans— per bushel.	Peas—per bushel.	Irish Potatoes— per bushel.	Sweet Potatoes— per bushel.	Winter Apples— per bushel.	Peaches, in their season—per bushel.	Pears, in their season—per bushel.	Grapes, in their season—per bushel.
Adams.....	% 50	% 90	% 40	% 70	% 60	% 60	\$2.50			1.10	1.05	1.05	2.50	1.85	04
Brown.....	42	77	40	60			2.25			1.05	1.10	1.10	2.50	2.50	04
Calhoun.....	47	90	37	50	% 80	% 70	2.25			1.05	1.00	1.00	1.50	4.00	03
Cass.....	44	85	40	60						1.05	1.00	1.00	1.00	1.00	03
Champaign.....	44	83	40	58		75	2.00			1.05	1.25	1.25	1.25	1.25	03
Christian.....	42	91	32	62			2.50			1.15	1.60	1.60	1.60	1.60	03
Clark.....	37	91	37	50		47	1.85			1.15	1.80	1.80	1.80	1.80	03
Coles.....	39	91	35	60		1.00	1.50			1.00	1.25	1.25	2.00	1.00	40
Cumberland.....	41	92	40	60						1.00	1.50	1.50	1.50	1.00	03
De Witt.....	40	90	40	55			1.50			1.00	1.00	1.00	1.00	1.00	03
Douglas.....	45	90	44	50			2.40			1.00	1.00	1.00	1.00	1.00	03
Edgar.....	44	95	41	50						1.00	1.00	1.00	1.00	1.00	03
Ford.....	43	95	41	55			40			1.00	1.00	1.00	1.00	1.00	03
Fulton.....	42	88	41	47		75	1.50			1.00	1.00	1.00	1.00	1.00	04
Greene.....	40	83	33	60						1.00	1.00	1.00	1.00	1.00	04
Hancock.....	41	85	40	50			1.50			1.00	1.00	1.00	1.00	1.00	04
Jersey.....	50	90	35	40	50					1.00	1.00	1.00	1.00	1.00	03
Logan.....	41	84	40	40						1.00	1.25	1.25	1.25	1.25	03
Macon.....	45	89	40	40						1.00	1.00	1.00	1.00	1.00	03
Macoupin.....	42	88	37	60			2.00			1.05	1.30	1.30	1.30	2.00	04
Mason.....	42	85	40	50						1.05	1.25	1.25	1.25	1.25	02
McDonough.....	42	75	41	60						1.05	1.30	1.30	1.30	2.00	02
McLean.....	45	91	44	50			2.00			1.00	1.50	1.50	1.50	3.00	04
Menard.....	43	86	40	60						1.00	1.00	1.00	1.00	1.00	03
Montgomery.....	39	87	30	58			2.00			1.05	1.00	1.00	1.00	1.00	03
Morgan.....	41	88	39	60						1.05	1.00	1.00	1.00	1.00	03
Moutrie.....	41	90	40	60						1.05	1.00	1.00	1.00	1.00	04
Nat.....	40	60	30	40			3.00		\$1.00	1.10	1.50	1.50	2.00	2.00	05
Pike.....	42	88	35	50						1.00	1.00	1.00	1.00	1.00	03
Sangamon.....	43	85	35	70			2.00			1.00	1.00	1.00	1.00	1.00	02
Schuyler.....	40	85	35	60		65	2.00			1.10	1.20	1.20	1.20	1.25	03
Scott.....	40	90	37	62		75	3.00			1.15	1.30	1.30	1.30	1.35	03
Shelby.....	42	88	34	50		70	1.60			1.15	1.40	1.40	1.40	1.40	03
Tazewell.....	45	85	34	56	65		2.25			1.00	1.00	1.00	1.00	1.40	04
Terrell.....	44	97	33	60			2.50			1.00	1.35	1.35	1.35	1.50	04

CROP REPORT.

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MARKET PRICE FARM PRODUCTS DECEMBER 1, 1890—Continued.

CENTRAL D.VISION.																		
Timothy Seed per bushel.	Clover Seed per bushel.	Hungarian and Millet Seed per bushel.	Clover Hay per ton.	Timothy Hay per ton.	Prairie Hay per ton.	Hungarian and Millet Hay per ton.	Broom Corn per ton.	Leaf Tobacco per pound.	Native Wine per gallon.	Sorghum Molasses per gallon.	Wool per pound.	Milk Cows per head.	Butter per pound.	Cheese per pound.	Milk per gallon.	Cream per gallon.	Honey per pound.	
Adams.....	2 00	3 30	6 35	9 35									0 17	0 12	0 00	0 20		0 14
Brown.....	1 45	4 50	7 50	9 50	\$ 5 00	\$ 6 00							0 14	1 14	0 00	0 30		0 13
Calboun.....	1 20	4 25	7 50	9 50									0 13	30	19	0 30		0 10
Cass.....			1 00	10 00									0 15		20			0 15
Champaign.....	1 30	3 35	5 35	7 75	4 50	6 00							0 19		20			0 10
Christian.....	1 60	3 40	4 70	6 70									0 16	13	25			0 13
Clark.....	1 70	3 85	5 00	5 35				13	80				0 11		13			0 13
Coles.....	1 65	4 10	63	6 65	4 00	4 50	\$88						0 14		30			0 15
Cumberland.....	1 50	4 00	5 00	6 00				60					0 12					0 15
DeWitt.....	1 50	3 50	4 00	7 00	3 00								0 18		20			0 15
Douglas.....	1 50	3 75	3 75	6 25		4 00	57						0 18		20			0 15
Edgar.....	1 25	3 50	3 75	5 85		3 00							0 13	12				0 10
Ford.....	1 25	4 00	4 25	6 00	3 00	4 00							0 17					0 12
Fulton.....	1 65	3 65	7 00	9 35	8 50								0 16		20			0 12
Greene.....	1 90	3 75	5 65	8 65	8 50								0 16		15			0 10
Hancock.....	1 35	4 00	5 00	8 00	3 00				60				0 19	12	20	65		0 11
Jersey.....	1 25	4 50	6 00	10 00					60				0 15	15	10	40		0 15
Logan.....	1 40	4 75	5 50	8 75	6 50				1 00				0 18		20			0 12
Macon.....	1 50	4 75	6 15	8 35									0 20	15	24			0 18
Macopin.....	1 75	4 50	5 00	6 20		5 00			1 20				0 18	12	08			0 17
Mason.....	2 05	4 00	7 00	9 00	7 00								0 17		17			0 11
McDonough.....	1 60	4 35	6 50	8 50					1 75				0 15		17			0 12
McLean.....	1 35	3 85	5 25	7 75									0 20		30			0 11
Menard.....	1 85	4 50	5 25	7 75									0 17	15				0 15
Montgomery.....	1 45	4 00	5 50	7 85		7 00							0 11					0 12
Morgan.....	1 90	5 15	7 00	8 00		5 00			1 00				0 17	15	20	50		0 10
Moultrie.....	2 00	5 00	5 25	6 50			65						0 17	16	20	25		0 15
Platt.....	1 00	4 00	6 00	8 00		4 25							0 08	07	05			0 13
Pike.....	1 50	4 00	6 00	8 00									0 12					0 12
Sangamon.....	1 75	4 25	7 50	10 50									0 21					0 20
Schuyler.....	1 40	3 25	5 00	6 00									0 15		05			0 10
Scott.....	2 00	4 50	7 00	9 00									0 13	17	20	32		0 13
Shelby.....	1 50	3 75	3 85	6 25					70				0 12	14	33	25		0 13
Tazewell.....	1 75	5 15	6 35	9 50		6 00			1 00				0 19	15	38			0 22
Vermilion.....	1 55	4 00	3 50	5 50			3 00						0 15	20	20			0 22

CROP REPORT.

MARKET PRICE FARM PRODUCTS DECEMBER 1, 1890—Continued.

SOUTHERN DIVISION.																		
Timothy Seed per bushel.	Clover Seed per bushel.	Hungarian and Millet Seed per bushel.	Clover Hay per ton.	Timothy Hay per ton.	Prairie Hay per ton.	Hungarian and Millet Hay per ton.	Broom Corn per ton.	Leaf Tobacco per pound.	Native Wine per gallon.	Sorghum Molasses per gallon.	Wool per pound.	Milk Cows per head.	Butter per pound.	Cheese per pound.	Milk per gallon.	Cream per gallon.	Honey per pound.	
Alexander.....																		
Bond.....	1 95	4 40	8 35	13 05	6 00	10 00					0 25	\$13	0 15		10 00	0 25	0 15	
Clay.....	1 50	3 50	6 00	7 00	4 00	6 00					25	18	14		10 00	0 25	14	
Clinton.....	1 60	3 80	5 50	7 60	6 00	5 50					40	24	11		10 00	0 25	15	
Crawford.....	1 40	3 85	3 60	7 35	6 00	3 00		0 07	0 80		44	18	10	0 10	10 00	0 25	15	
Edwards.....	1 75	3 65	4 35	7 35							37	21	12	12	20 00	0 25	16	
Edingham.....	1 65	3 75	5 50	5 65	3 75	4 00		08			33	23	11	08	20 00	0 25	13	
Fayette.....	1 10	4 00	5 50	6 10							37	19	11	10	14 00	0 25	12	
Franklin.....	1 60	3 40	9 35	9 50							40	25	18		11 00	0 25	15	
Gallatin.....	1 45	4 50	9 35	12 35		9 00		03			37	37	17	20		0 25	12	
Hamilton.....	1 55	4 05	6 65	7 50				04			35	38	14	15		0 25	12	
Hardin.....		4 25	7 00	8 00							37	31	15	15		0 25	25	
Jackson.....			8 00	12 00			\$40				40	35	25	20		0 25	25	
Jasper.....	1 35	3 75	4 35	5 35	4 00			06			35	33	16	08		0 25	10	
Jefferson.....	1 25	4 00	5 00	7 50		6 00					35	22	15			0 25	10	
Johnson.....		5 00	8 00	10 00							25	34	15			0 25	20	
Lawrence.....	1 50	3 50	4 60	5 00		3 00					27	30	08	10		0 25	10	
Madison.....	1 35	4 10	10 00	12 00	10 50	6 00			1 00		42	27	17	10		0 25	18	
Marrion.....	1 00	3 50		6 75					1 25		45	30	15	12		0 25	20	
Massac.....	1 80		8 00	10 00							30	18	13	15		0 25	15	
Monroe.....	2 60	3 85	6 50	11 00							40	27	18	12		0 25	14	
Perry.....	1 40	3 80	8 00	10 30		7 65		10	1 20		40	28	18	12		0 25	18	
Pope.....	1 75	4 50	9 00	10 00							32	30	12			0 25	10	
Pulaski.....	1 70	3 50	9 50	13 00		8 00		06	1 00		42	22	20	15		0 25	18	
Randolph.....	1 35	4 10	9 00	13 50							35	23	19	10		0 25	10	
Ritchland.....	1 30	3 15	3 60	6 15					1 00		32	16	10	09		0 25	12	
Saline.....	2 60	3 85	7 55	10 00				03			38	14	12			0 25	12	
St. Clair.....	1 25	4 30	10 65	14 60	12 00	10 00			2 25		40	25	23	15		0 25	14	
Union.....	2 45	4 00	8 80	11 80		8 75		10			51	26	19	15		0 25	17	
Wabash.....	1 40	4 30	6 50	8 00							35	20	15	12		0 25	20	
Washington.....	1 55	4 60	8 00	12 00		8 35		15	75		35	25	19	11		0 25	15	
Wayne.....	1 10	4 25	4 00	6 50				08	2 00		35	25	11	15		0 25	13	
White.....	1 60	4 00	6 50	9 50					1 50		34	24	14			0 25	12	
Williamson.....	1 75	4 50	6 65	9 00				03			39	22	16	15		0 25	17	

AVERAGE YIELD OF CORN.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.										COUNTIES.										COUNTIES.									
Av. Yield per Acre in Bu.										Av. Yield per Acre in Bu.										Av. Yield per Acre in Bu.									
1882	1883	1884	1885	1886	1887	1888	1889	1890		1882	1883	1884	1885	1886	1887	1888	1889	1890		1882	1883	1884	1885	1886	1887	1888	1889	1890	
Boone.	26	21	38	27	18	20	34	22	27	Adams	24	28	33	32	22	25	39	35	25	Alexander	37	33	28	46	32	20	37	27	17
Bureau	18	20	28	34	25	18	43	35	27	Brown	20	16	35	37	17	27	40	35	35	Bond	33	20	21	22	25	2	36	27	20
Carroll	42	18	38	30	25	31	37	30	29	Calhoun	40	40	38	32	35	*54	57	40	42	Clay	27	16	12	20	19	4	34	36	9
Cook	26	14	39	28	28	21	27	30	27	Cass	30	34	34	32	25	33	4	30	36	Clinton	29	35	25	20	6	4	31	40	18
DeKalb	26	20	38	28	21	23	27	37	27	Champaign	24	40	25	42	24	22	46	38	36	Crawford	30	32	32	27	26	9	31	40	32
DuPage	25	20	39	37	22	*17	*38	*34	30	Christian	19	16	28	26	20	1	30	25	20	Edwards	25	20	15	25	20	6	34	26	13
Grundy	20	12	32	29	32	24	35	39	17	Clark	24	31	28	32	34	45	37	27	27	Effingham	40	14	20	24	21	2	6	34	26
Henderson	22	18	35	32	24	23	35	35	26	Cumberland	27	24	28	27	32	6	44	37	27	Fayette	32	20	10	24	21	4	25	25	12
Henry	22	18	26	29	1	18	47	35	24	DeWitt	23	29	30	31	26	34	40	38	35	Franklin	26	18	25	27	22	6	28	34	38
Jackson	19	27	30	45	29	23	32	32	20	Douglas	30	31	27	35	34	18	35	38	32	Gallatin	26	32	30	25	40	17	40	36	32
JoDawess	33	24	37	45	20	20	37	35	28	Edgar	30	31	27	35	34	15	39	51	29	Hamilton	28	22	32	33	17	7	30	33	19
Kane	25	25	25	30	27	23	35	38	21	Ford	25	15	24	28	33	23	24	55	46	Harbin	28	25	32	28	28	30	30	30	16
Kankakee	18	16	27	33	25	14	40	36	24	Fulton	20	23	35	34	23	24	55	40	37	Haskell	40	23	27	27	25	35	35	35	22
Kendall	31	21	33	33	35	25	14	40	36	Greene	43	40	42	40	30	20	59	40	37	Jasper	37	30	13	28	27	5	36	25	16
Knox	19	26	34	34	35	28	50	35	31	Hancock	14	20	32	30	22	28	36	20	42	Jefferson	29	35	12	27	6	15	38	15	15
Lake	24	20	35	35	27	10	35	48	32	Jersey	32	40	3	35	25	16	26	35	22	Johnson	34	32	42	28	20	22	32	28	20
LaSalle	23	18	31	32	26	27	45	26	26	Logan	25	28	38	35	35	22	20	46	28	Lawrence	29	29	22	30	24	16	30	30	14
Lee	26	20	30	32	22	26	45	26	26	Macon	22	32	38	42	27	20	46	28	40	Madison	30	35	38	32	17	12	48	53	18
Livingston	17	25	32	32	24	35	41	37	28	Macoupin	24	30	35	35	16	16	26	35	22	Marion	32	25	34	23	35	27	40	40	24
Marshall	27	25	32	32	24	35	41	37	28	Madison	12	14	23	30	22	28	36	20	42	Massac	32	25	34	23	35	27	40	40	24
McHenry	27	30	39	49	30	16	38	41	25	McDonough	20	25	49	30	14	42	40	37	37	Monroe	31	32	35	30	15	10	27	28	15
Mercer	25	25	37	35	22	22	42	34	25	McLean	18	27	29	32	29	23	46	46	46	Perry	27	21	14	26	3	4	27	28	15
Ogle	25	17	37	35	22	22	53	40	25	Menard	26	23	29	33	23	53	41	32	32	Pope	32	25	35	35	29	21	24	38	20
Peoria	33	30	43	35	38	19	39	39	30	Montgomery	26	34	34	30	23	9	44	39	27	Pulaski	42	18	25	30	29	21	31	35	11
Putnam	34	30	43	35	38	19	39	39	30	Morgan	26	34	34	30	23	9	44	39	27	Richland	32	28	31	19	16	7	23	32	11
Rock Island	25	24	29	37	38	32	26	44	42	Moutrie	19	24	28	37	30	21	40	35	35	Saline	31	25	38	44	20	18	33	36	17
Stark	30	26	37	38	32	26	44	42	27	Pike	24	40	33	33	30	22	50	35	35	St. Clair	45	38	44	42	22	*8	40	42	27
Stephenson	27	16	38	46	21	24	48	40	31	Platt	24	40	33	33	30	22	50	35	35	Union	38	20	34	31	27	17	33	35	20
Warren	24	40	35	24	18	27	39	27	23	Pike	34	31	30	33	34	25	43	38	32	Wabash	28	27	26	31	27	6	30	32	18
Whiteside	19	37	32	25	26	15	37	27	23	Sangamon	21	38	33	41	26	24	53	35	30	Washington	33	40	15	24	5	3	26	30	23
Will	29	15	31	28	20	21	35	25	19	Schuyler	27	38	40	39	27	28	67	35	35	Wayne	31	24	25	25	15	3	36	30	23
Winnebago	29	15	31	28	20	21	35	25	19	Scott	28	30	27	31	28	15	44	31	20	White	30	35	25	36	25	11	34	36	21
Woodford	17	20	35	28	27	25	40	47	34	Shelby	25	32	37	33	26	21	45	36	35	Williamson	28	22	26	25	26	12	32	38	19
Average	23	22	34	32	24	21	39	35	25	Vermilion	22	32	34	37	21	43	34	34	34	Average	30	28	24	27	21	12	32	33	19

*Estimated

CORN.

NORTHERN DIVISION.

	Average 1890. returned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop	Cost of pro- duction per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Boone.....	34, 127	27	921, 429	\$0 47	433, 072	\$9 30	317, 381	115, 691	.....
Bureau.....	161, 791	27	4, 398, 357	47	2, 063, 128	8 10	1, 310, 507	742, 621	.....
Carroll.....	65, 267	29	1, 892, 743	44	832, 807	9 60	636, 563	206, 244	.....
Cook.....	46, 611	27	1, 258, 497	51	641, 833	10 55	491, 746	150, 087	.....
DeKalb.....	106, 939	20	2, 138, 780	50	1, 069, 390	10 25	1, 096, 125	26, 735	.....
DuPage.....	33, 325	30	999, 750	48	479, 880	8 75	291, 594	188, 886	.....
Grundy.....	74, 675	18	1, 344, 150	48	645, 192	6 80	307, 790	137, 402	.....
Henderson.....	58, 453	17	993, 701	47	467, 039	10 35	604, 988	137, 949	.....
Henry.....	132, 851	25	3, 454, 126	42	1, 450, 733	9 95	1, 321, 807	128, 846	.....
Iroquois.....	223, 780	24	5, 370, 720	44	2, 363, 117	9 45	1, 890, 941	472, 176	.....
Joliet.....	57, 600	20	1, 152, 000	45	518, 400	9 20	529, 920	11, 520	.....
Kane.....	61, 512	25	1, 537, 800	50	768, 900	9 05	556, 684	212, 216	.....
Kankakee.....	90, 279	21	1, 895, 859	47	891, 054	8 20	740, 088	150, 968	.....
Kendall.....	59, 025	24	1, 416, 600	47	695, 802	10 00	590, 250	75, 552	.....
Knox.....	107, 894	31	3, 342, 854	45	1, 504, 284	8 65	932, 764	571, 520	.....
Lake.....	23, 763	32	760, 416	50	380, 208	9 85	234, 065	146, 143	.....
LaSalle.....	235, 581	22	5, 182, 782	46	2, 384, 080	8 40	1, 978, 880	405, 200	.....
Lee.....	114, 687	26	2, 982, 122	50	1, 491, 061	9 60	1, 101, 091	389, 970	.....
Livingston.....	242, 850	19	4, 608, 450	45	2, 073, 802	9 10	2, 207, 205	133, 403	.....
Marshall.....	76, 619	28	2, 146, 172	44	944, 316	9 20	705, 171	239, 145	.....
McHenry.....	64, 930	26	1, 689, 180	50	844, 590	9 85	639, 560	205, 030	.....
Mercer.....	82, 056	25	2, 051, 400	46	943, 644	9 30	763, 21	180, 523	.....
Ogle.....	124, 951	40	4, 998, 040	47	2, 319, 079	8 90	1, 112, 074	1, 237, 005	.....
Peoria.....	54, 723	25	1, 368, 075	46	629, 314	9 30	508, 974	120, 390	.....
Putnam.....	26, 067	30	752, 010	44	344, 084	9 45	246, 333	97, 751	.....
Rock Island.....	49, 042	25	1, 226, 050	43	527, 201	9 85	483, 964	44, 137	.....
Stark.....	45, 966	27	1, 241, 082	46	570, 898	9 70	445, 028	125, 028	.....
Stephenson.....	66, 423	22	1, 461, 095	44	642, 975	8 85	587, 843	55, 132	.....
Warren.....	98, 745	23	3, 061, 095	45	1, 377, 497	9 05	893, 642	483, 831	.....
Whiteside.....	99, 241	23	2, 282, 543	44	1, 004, 319	9 35	927, 903	76, 410	.....
Will.....	116, 955	27	2, 995, 785	46	1, 378, 061	7 60	843, 258	584, 808	.....
Winnebago.....	68, 180	19	1, 295, 040	49	654, 570	8 75	396, 470	38, 170	.....
Woodford.....	100, 070	34	3, 402, 380	46	1, 565, 095	10 90	1, 090, 763	474, 322	.....
Total or average.....	2, 998, 638	25	75, 621, 294	\$0 46	834, 421	\$9 05	\$27, 174, 375	\$8, 004, 653	\$309, 607

CORN—Continued.

CENTRAL DIVISION.

	Average 1890. Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop	Cost of pro- duction per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Adams.....	68,924	25	1,723,100	\$0 50	\$ 861,550	\$11 10	\$765,056	\$ 96,494	
Brown.....	24,601	31	762,631	42	320,305	11 35	279,221	41,084	
Calhoun.....	15,448	42	648,816	47	304,943	9 45	145,969	198,959	
Cass.....	36,312	35	1,310,920	44	590,005	8 80	357,146	252,859	
Champaign.....	223,224	36	8,036,064	44	3,535,868	9 15	4,493,398	1,493,398	
Christian.....	64,345	36	2,316,492	42	972,927	9 15	588,175	384,152	
Clark.....	32,782	20	655,646	39	255,700	7 30	289,862	16,391	
Coles.....	31,853	27	860,031	41	352,613	9 10	289,862	62,751	
Cumberland.....	3,923	20	78,460	40	31,384	8 50	33,345		
DeWitt.....	77,545	35	2,714,075	45	1,221,384	9 55	740,555	450,779	\$ 1,961
Douglas.....	46,858	35	1,640,075	44	721,629	9 45	442,817	278,892	
Edgar.....	47,133	32	1,508,256	45	648,553	7 65	360,367	287,983	
Ford.....	114,142	29	3,310,118	45	1,489,553	8 05	978,843	570,710	
Fulton.....	95,477	39	3,723,603	42	1,563,9 3	10 40	992,961	579,952	
Greene.....	37,313	37	1,380,581	40	552,232	10 05	374,996	177,236	
Hancock.....	68,524	42	2,878,008	41	1,179,983	8 80	603,011	576,972	
Jersey.....	36,690	20	732,000	50	366,000	11 10	406,260	40,260	
Logan.....	114,307	31	3,543,517	41	1,452,842	8 55	977,325	475,517	
Macon.....	56,890	26	1,876,050	45	844,292	9 70	551,445	292,111	
Macoupin.....	66,906	22	1,738,556	42	730,613	7 85	525,212	205,401	
Mason.....	65,877	22	1,449,294	42	608,703	9 25	609,362		659
McDonough.....	26,200	37	969,400	40	387,760	9 70	254,140	133,620	
McLean.....	222,482	29	6,451,978	45	2,903,380	9 05	2,013,462	889,998	
Menard.....	76,940	32	2,462,080	43	1,058,694	7 25	696,307	362,387	
Montgomery.....	71,877	19	1,365,663	39	532,608	9 15	521,108	11,595	
Morgan.....	94,260	38	3,581,880	41	1,468,571	7 20	862,479	606,092	
Moultrie.....	17,705	30	531,150	41	217,771	7 20	127,476	90,295	
Pike.....	10,274	35	674,590	40	269,836	8 25	159,010	110,826	
Sangamon.....	62,390	32	1,996,480	42	838,522	9 05	564,629	273,863	
Schuyler.....	82,422	37	3,049,614	43	1,311,334	10 35	853,068	458,266	
Scott.....	43,887	30	1,316,610	40	526,044	10 00	438,870	87,774	
Shelby.....	8,495	35	297,325	40	118,930	10 40	88,348	30,582	
Shelby.....	16,094	20	321,880	42	135,190	8 15	131,166	4,024	
Tazewell.....	19,759	35	3,176,565	45	1,429,454	8 75	794,141	635,313	
Vermilion.....	107,641	34	3,659,794	44	1,610,309	8 85	952,623	687,680	
Total or average.....	2,271,373	32	72,772,286	\$0 43	\$31,413,882	\$ 9 10	\$20,631,379	\$10,773,883	\$ 42,880

CORN—Continued.

SOUTHERN DIVISION.

	Average yield returned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	†Value of crop	Cost of pro- duction per acre.	Total cost of production.	Profit on crop.	Loss on crop
Alexander.....	68,924	17	1,171,708	\$0.48	\$562,420	\$8.65	\$596,193	.....	\$33,773
Bond.....	23,547	20	670,940	41	275,085	6.65	223,087	51,998	.....
Bay.....	34,278	20	685,500	47	322,213	7.75	265,654	56,559	.....
Clinton.....	41,367	9	372,303	44	163,813	8.75	361,961	.....	198,146
Crawford.....	435,009	18	630,162	36	226,858	7.65	267,819	.....	40,961
Edwards.....	13,918	32	445,376	42	187,058	8.70	210,857	65.97	.....
Effingham.....	29,083	12	348,906	40	139,598	7.25	121,852	.....	71,254
Fayette.....	7,394	13	96,122	42	40,371	6.55	48,431	.....	8,060
Franklin.....	15,515	28	589,570	39	229,732	7.75	120,241	109,491	.....
Gallatin.....	8,332	32	260,824	42	123,356	10.75	30,644	32,682	.....
Hamilton.....	16,885	19	320,815	42	134,732	7.85	132,947	2,195	.....
Hardin.....	8,250	16	132,000	40	52,800	9.80	80,850	.....	28,050
Jackson.....	49,845	22	436,590	50	218,295	8.75	173,644	44,651	4,317
Jasper.....	28,776	16	460,416	40	184,166	6.55	188,483	.....	.....
Jefferson.....	445,097	15	676,455	45	304,105	6.35	286,366	18,039	.....
Johnson.....	6,838	20	136,760	40	54,704	6.00	41,028	13,676	.....
Lawrence.....	7,004	14	98,056	40	39,222	7.55	52,880	.....	13,658
Madison.....	61,133	18	1,100,394	50	550,197	9.95	608,273	.....	58,076
Marion.....	17,487	10	174,870	45	78,491	9.60	167,875	.....	89,384
Massac.....	9,886	15	148,290	35	51,901	8.35	82,548	.....	30,647
Monroe.....	14,107	24	338,568	40	135,427	9.15	129,079	6,348	.....
Perry.....	2,866	15	42,000	47	20,205	7.35	21,065	.....	860
Pope.....	418,892	20	377,840	48	181,363	8.00	151,136	30,227	.....
Puaski.....	14,712	16	235,392	55	129,406	9.80	144,178	.....	11,712
Randolph.....	23,161	17	427,737	55	235,253	8.20	206,320	28,935	.....
Richland.....	31,403	11	345,133	42	145,082	6.95	218,251	.....	73,169
Saline.....	21,879	17	371,943	38	141,338	8.85	193,629	.....	52,291
St. Clair.....	53,615	27	1,447,605	48	694,850	11.55	619,253	75,597	.....
Union.....	17,253	23	396,819	50	198,409	9.55	164,766	33,643	.....
Wabash.....	421,176	30	635,280	40	254,112	10.05	212,819	41,293	.....
Washington.....	35,379	18	636,822	48	305,674	6.75	238,808	66,866	.....
Wayne.....	435,695	23	820,985	32	262,715	9.10	324,824	.....	62,109
White.....	35,694	26	932,464	40	372,985	8.40	301,258	71,727	.....
Williamson.....	7,545	19	143,255	40	57,342	8.55	64,510	.....	7,168
Total or average.....	844,215	19.16	118,440	\$0.44	\$7,073,620	\$8.40	\$7,110,359	\$749,898	\$1,139,124

†Estimated same as in 1889.

††If the corn crop had been sold at the prevailing price December 1, it would return this amount to the producer.

WINTER GRAIN.

NORTHERN DIVISION.	WHEAT.				RYE.		
	Acres 1890 re- turned by As- sessors	Acres 1891 com- pared with 1890.	Acres 1891 crop.	Condi- tion Dec. 1, 1890.	Acres 1890 re- turned by As- sessors	Acres 1891 com- pared with 1890.	(Condi- tion Dec. 1, 1890.
Boone.....	282	77	217	90	3,411	100	100
Bureau.....	1,616	100	1,616	97	3,437	90	102
Carroll.....	2,000	105	2,100	100	7,646	96	101
Cook.....	84	100	84	100	1,494	100	103
DeKalb.....	178	*95	169	*101	6,195	110	100
DuPage.....	62	*102	63	*101	5,172	107	105
Grundy.....	1,276	*111	1,446	*99	7,701	*94	*101
Henry.....	9,444	105	9,916	92	2,949	75	100
Heuvelton.....	319	90	287	100	5,486	104	98
Irvington.....	2,313	100	2,313	105	1,814	90	102
Jo Daviess.....	2,54	105	2,667	115	4,437	90	110
Kane.....	258	100	258	103	7,619	97	107
Kankakee.....	916	85	719	97	3,793	82	100
Kendall.....	208	105	218	100	3,868	105	100
Knox.....	8,240	136	11,216	117	1,597	95	102
Lake.....	175	85	149	92	875	100	93
LaSalle.....	4,921	104	5,117	101	1,238	95	105
Lee.....	318	97	3,309	100	4,774	97	97
Livingston.....	2,533	150	3,999	100	970	87	100
Marshall.....	1,660	117	1,912	102	339	75	97
McHenry.....	200	102	204	115	2,363	90	105
Merue.....	1,287	102	1,313	102	3,343	102	97
Ogle.....	2,885	*89	2,568	*101	9,225	80	100
Peoria.....	9,545	150	14,317	102	392	87	100
Putnam.....	958	112	1,073	109	6,2	77	108
Rock Island.....	491	110	540	110	4,018	97	100
Stark.....	168	100	168	100	4,399	103	100
Stephenson.....	2,712	93	2,522	107	13,198	85	102
Warren.....	3,551	144	5,401	106	5,663	122	100
Whiteside.....	1,395	66	2,921	100	16,194	100	100
Will.....	2,116	*100	2,116	*100	4,957	100	97
Winnebago.....	476	80	381	100	14,703	103	100
Woodford.....	8,111	110	8,922	99	379	85	100
Total or average.....	73,438	116	85,071	101	137,781	96	101

131,926

WINTER GRAIN—Continued.

CENTRAL DIVISION.	WHEAT.			RYE.				
	Acreage 1890, re- turned by As- sessors.	Acreage 1891 com- pared with 1890.	Acreage 1891 crop.	Condi- tion Dec. 1, 1890.	Acreage 1890, re- turned by As- sessors.	Acreage 1891 com- pared with 1890.	Acreage 1891 crop.	Condi- tion Dec. 1, 1890.
Adams.....	69,378	100	69,378	95	423	50	211	80
Brown.....	25,030	107	26,782	85	90	100	90	111
Calhoun.....	20,126	115	23,145	100	40	100	16	80
Cass.....	28,161	100	28,161	67	337	*87	293	*96
Champaign.....	14,613	112	16,366	109	1,247	100	1,247	107
Christian.....	12,468	100	12,468	80	85	100	85	100
Clark.....	13,700	111	15,207	97	851	108	919	100
Coles.....	5,433	100	5,433	103	132	103	136	100
Cumberland.....	1,636	125	1,295	100	3	*109	3	*106
Dewitt.....	7,105	90	6,395	80	369	100	369	90
Douglas.....	4,669	97	4,529	97	554	100	554	100
Edgar.....	6,109	97	5,926	100	1,007	80	806	100
Ford.....	56,364	*113	65	103	416	100	475	95
Fulton.....	26,420	109	31,437	94	416	100	416	95
Greene.....	39,512	121	45,969	95	89	92	82	100
Hancock.....	41,568	115	45,439	97	225	93	209	100
Jersey.....	49,623	110	54,725	100	15	*78	12	*87
Logan.....	10,427	110	54,585	80	88	*91	80	*95
Macon.....	39,348	87	9,071	97	100	105	105	100
Macoupin.....	59,037	112	44,070	82	89	75	67	70
Mason.....	6,824	100	66,121	100	519	40	207	100
McDonough.....	8,835	134	6,524	87	132	87	115	100
McLean.....	23,000	99	11,839	90	784	100	784	95
Menard.....	25,347	75	22,770	71	500	100	500	90
Montgomery.....	51,212	91	19,010	74	171	91	156	77
Morgan.....	1,571	105	46,693	85	307	100	307	97
Moultrie.....	1,967	110	1,754	95	42	95	40	100
Pike.....	79,828	112	1,064	105	57	100	57	100
Sangamon.....	26,385	65	83,407	98	100	108	108	103
Schuyler.....	40,695	115	17,150	82	84	90	76	90
Scott.....	8,890	112	46,799	80	309	90	278	90
Shelby.....	6,122	107	9,890	93	6	100	6	100
Tazewell.....	39,606	110	6,550	80	89	104	93	98
Vermilion.....	10,973	100	43,567	94	266	100	266	100
Total or average.....	860,181	105	10,973	117	2,127	86	1,829	107
			907,467	92	12,125	91	10,997	96

WINTER GRAIN—Continued.

	WHEAT.			RYE.		
	Acreage 1890, re- turned by As- sessors.	Acreage 1891 com- pared with 1890.	Acreage 1891 crop.	Condi- tion Dec. 1, 1890.	Acreage 1890, re- turned by As- sessors.	Acreage 1891 com- pared with 1890.
SOUTHERN DIVISION.						
Alexander.....	9,410	102	9,598	95		
Bond.....	21,001	97	20,371	94	42	38
Clay.....	7,439	150	11,158	105	63	98
Clinton.....	45,160	105	47,418	104	75	60
Crawford.....	+18,465	110	20,311	99	+168	63
Edwards.....	13,512	100	13,512	98	13	110
Effingham.....	9,971	172	17,150	120	117	135
Fayette.....	1,441	112	1,614	100	86	110
Franklin.....	3,274	113	3,700	100		
Gauntin.....	9,589	117	11,219	104	20	100
Hamilton.....	3,655	202	7,383	100	5	100
Hardin.....	6,712	134	8,994	125		
Jackson.....	+33,557	110	36,916	100	+143	*92
Jasper.....	8,408	105	8,828	107	112	103
Jefferson.....	+3,413	117	6,333	105	+22	100
Johnson.....	7,561	110	8,317	100	12	100
Lawrence.....	7,013	120	8,416	100	57	*78
Madison.....	71,241	117	83,317	95	98	105
Marion.....	4,031	75	3,023	93	16	110
Massac.....	18,986	120	22,783	80	127	100
Monroe.....	54,750	102	55,845	95	55	85
Perry.....	5,366	107	5,742	102	6	110
Pope.....	+13,522	130	17,579	100	49	100
Pulaski.....	12,660	102	12,913	96		
Randolph.....	73,324	107	78,456	100	285	90
Richland.....	16,679	110	18,347	100	138	93
Saline.....	13,871	115	15,952	100	8	*95
St. Clair.....	113,387	105	119,056	102	69	100
Union.....	23,117	104	24,042	96	131	90
Wabash.....	+21,755	101	21,735	96		
Washington.....	73,501	95	69,826	97	344	103
Wayne.....	3,472	120	4,166	113	+38	112
White.....	34,218	117	40,035	99	38	*103
Williamson.....	6,872	113	7,765	97	68	77
Total or average.....	772,303	109	841,840	108	2,345	97
					2,278	100

*Estimated.

†Estimated same as last year.

WHEAT RAISED AND CONSUMED (Spring and Winter).

NORTHERN DIVISION.	Acreage re- turned by Assessors, 1890.	Bushels pro- duced.	*Bushels re- quired for seed.	Population, census of 1890.	‡Bushels consumed.	Bushels used for seed and consumption.	Surplus.	Deficit.
Boone.....	2,404	23,018	3,205	12,184	48,736	51,941	.....	28,933
Bureau.....	9,048	126,766	12,064	35,008	140,032	152,096	.....	23,330
Carroll.....	4,439	44,268	5,019	18,312	73,248	79,167	.....	34,809
Cook.....	42,771	22,858	7,703	1,189,259	4,757,036	4,760,739	.....	4,737,851
DeKalb.....	5,426	105,939	7,235	27,050	108,200	115,435	.....	9,496
DuPage.....	2,599	21,122	3,445	22,542	50,168	93,631	.....	72,511
Grundy.....	1,603	23,086	2,157	20,976	38,904	86,041	.....	62,355
Henderson.....	9,610	131,420	12,813	9,863	38,452	52,265	79,155	.....
Henry.....	2,340	30,865	3,120	33,252	133,008	136,128	.....	105,263
Iroquois.....	3,057	32,706	4,077	35,157	140,628	144,766	.....	111,499
Joliet.....	3,847	44,783	5,129	25,046	100,184	105,373	.....	60,530
Kankakee.....	1,190	17,282	2,277	64,572	258,288	260,565	.....	243,283
Kendall.....	1,732	12,402	1,587	28,751	115,004	116,591	.....	103,689
Knox.....	1,529	12,596	2,369	12,082	48,328	50,637	.....	38,041
Lake.....	3,861	150,146	11,945	38,581	154,324	166,269	.....	16,123
LaSalle.....	14,599	73,515	5,148	24,122	96,488	101,636	.....	27,121
Lee.....	8,327	212,896	19,465	80,678	322,712	342,174	.....	129,581
Livingston.....	3,042	37,273	4,056	26,098	104,392	115,235	.....	23,875
Marshall.....	2,075	32,204	2,767	13,416	153,664	157,720	.....	120,445
McHenry.....	5,508	40,504	7,344	13,668	54,672	57,439	.....	25,335
McJannet.....	2,462	27,082	3,283	26,081	104,324	111,698	.....	71,164
McLeary.....	11,291	135,374	15,055	18,380	76,803	76,803	.....	49,721
McLeary.....	9,630	182,375	12,810	28,688	114,732	123,807	.....	107,977
Peoria.....	1,781	30,129	2,375	69,378	277,512	290,332	5,567	.....
Pennam.....	1,235	15,058	1,647	4,704	18,816	21,191	8,938	.....
Rock Island.....	7,363	5,452	769	41,880	167,520	169,167	.....	154,109
Stark.....	4,508	72,909	9,817	39,808	39,808	40,517	.....	35,065
Stephenson.....	3,858	70,429	6,011	31,288	125,152	134,969	.....	62,060
Warren.....	2,718	43,470	5,144	21,275	85,100	91,111	.....	20,682
Whiteside.....	2,718	36,556	3,624	31,027	124,108	129,252	.....	85,782
Will.....	4,868	41,412	6,491	61,923	247,692	251,316	.....	214,760
Winnebago.....	152,454	152,454	11,099	39,855	139,420	165,911	.....	124,499
Woodford.....	156,627	2,103,541	208,763	21,392	85,568	96,697	55,787	.....
Total.....	156,627	2,103,541	208,763	2,161,440	8,645,760	8,854,463	149,447	6,900,369

WHEAT RAISED AND CONSUMED (Spring and Winter)—Continued.

CROP REPORT.

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CENTRAL DIVISION.

	Acres re- turned by Assessors, 1890.	Bushels pro- duced.	*Bushels re- quired for seed.	Population, census of 1890.	*Bushels consumed.	Bushels used for seed and consumption.	Surplus.	Deficit.
Adams.....	69,508	507,156	92,677	61,856	247,424	340,101	167,055	.....
Brown.....	25,040	175,370	33,387	11,936	47,144	81,131	94,239	.....
Calhoun.....	20,126	267,280	26,835	7,643	30,572	57,407	269,773	.....
Cass.....	28,281	375,904	37,708	15,947	63,788	101,496	274,408	.....
Champaign.....	14,701	103,706	19,601	42,109	168,436	188,037	.....	84,331
Christian.....	12,468	227,925	16,624	30,493	121,972	138,596	.....	108,671
Clark.....	13,731	57,214	18,368	21,872	87,488	105,766	.....	48,582
Coles.....	5,434	4,983	7,232	30,080	120,320	127,572	.....	122,589
Cumberland.....	1,036	3,078	61,708	15,427	67,664	64,089	.....	60,011
DeWitt.....	7,198	94,366	9,591	16,916	70,516	77,261	.....	44,281
Douglas.....	4,705	32,508	6,273	17,629	70,516	115,177	.....	104,488
Edgar.....	6,109	10,689	8,145	26,755	172,284	68,005	.....	66,243
Ford.....	110	1,760	147	16,964	43,071	248,075	469,779	.....
Fulton.....	56,843	717,854	75,791	43,071	23,787	130,404	.....	42,862
Greene.....	26,412	87,542	35,256	23,787	93,148	180,117	316,731	.....
Hancock.....	39,565	486,848	52,753	31,841	127,304	114,504	.....	52,056
Jersey.....	41,886	166,500	55,448	14,764	59,056	168,295	253,932	.....
Logan.....	4,805	422,227	66,407	25,472	101,888	165,129	.....	91,206
Macon.....	10,450	74,923	13,933	38,049	132,193	213,891	.....	146,777
Macoupin.....	39,362	67,114	52,483	40,352	64,208	143,051	480,129	.....
Mason.....	59,132	623,180	78,843	10,652	109,840	119,049	.....	23,120
McDonough.....	6,907	95,429	9,209	27,460	251,868	265,131	.....	145,347
McLean.....	9,962	119,804	13,283	13,115	52,460	83,127	143,183	.....
Menard.....	23,000	226,320	30,667	29,916	119,704	153,500	.....	133,730
Montgomery.....	25,347	19,770	38,796	32,552	130,208	198,891	118,239	.....
Morgan.....	51,512	317,190	68,633	32,552	57,860	60,088	.....	44,468
Moultrie.....	1,671	15,630	2,228	14,465	17,060	69,587	.....	56,284
Pike.....	1,019	13,303	1,347	17,060	68,240	230,312	313,270	.....
Sangamon.....	79,875	543,552	106,500	30,953	123,812	279,779	.....	126,931
Schuyler.....	26,408	152,318	36,211	61,042	244,068	118,289	370,495	.....
Scott.....	40,723	54,237	13,908	13,908	63,992	52,906	.....	6,132
Shelby.....	8,889	46,894	11,852	10,286	41,144	122,909	.....	106,363
Tazewell.....	6,130	26,576	8,173	31,184	124,735	171,192	569,088	.....
Vermilion.....	39,831	740,280	53,108	29,521	118,084	214,147	.....	169,201
Total.....	11,018	44,946	14,691	49,894	199,456	5,053,538	3,839,532	1,731,587

WHEAT RAISED AND CONSUMED (Spring and Winter)—Continued.

SOUTHERN DIVISION.		Acreage re- turned by Assessors, 1890.	Bushels pro- duced.	*Bushels re- quired for seed.	Population, census of 1890.	#Bushels consumed.	Bushels used for seed and consumption.	Surplus.	Deficit.
Alexander	9,426	111,984	12,568	16,226	61,904	77,472	34,512	1,349	
Bond	21,087	84,800	28,089	14,515	58,660	86,149	5,921		
Clay	7,480	82,770	9,973	16,719	66,876	76,849	5,921		
Clinton	45,160	186,508	60,213	17,417	69,628	129,841	56,667		
Crawford	18,463	178,180	24,626	17,237	68,948	93,568	24,612		
Edwards	13,512	85,932	18,016	19,358	37,392	55,008	30,324		
Edgingham	9,911	82,560	13,295	19,352	37,408	90,703		8,143	
Fayette	1,476	5,442	1,968	3,322	23,288	95,256		89,814	
Franklin	3,424	28,073	4,565	17,067	68,268	72,893		44,760	
Gallatin	9,652	94,252	12,869	14,932	59,728	72,597			
Hamilton	3,655	25,333	4,873	17,763	71,652	75,925		21,655	
Hardin	6,712	28,188	8,949	7,273	28,892	37,841			
Jackson	433,747	480,465	44,996	27,772	111,088	156,084	324,381		
Jasper	8,408	102,410	11,211	17,890	71,560	82,771	19,639		
Jefferson	75,431	24,904	7,241	22,510	90,010	97,281		72,377	
Johnson	7,562	10,683	10,683	14,896	59,584	69,607		20,659	
Lawrence	7,949	57,520	10,590	14,727	58,908	69,505		11,987	
Madison	71,211	493,493	94,948	51,371	295,481	300,432	193,061		
Marion	4,631	33,864	5,375	24,333	97,332	102,707		68,843	
Massac	18,986	136,696	25,315	17,287	43,148	70,463			
Monroe	54,750	301,125	73,000	12,947	51,738	124,788	176,357		
Perry	5,365	39,660	4,135	12,947	71,514	77,211			
Pope	13,590	55,012	18,132	14,004	56,016	74,148		69,125	
Pulaski	111,958	130,229	15,944	11,290	45,160	61,104		238,010	
Randolph	73,326	435,570	97,768	24,948	99,792	197,560			
Richland	46,769	106,155	22,359	15,017	60,168	82,427		23,728	
Saline	13,872	81,156	18,496	19,228	76,912	95,408		14,252	
St. Clair	113,391	773,318	151,148	66,571	206,284	417,472	355,876		
Union	23,211	153,012	30,948	21,549	86,196	117,144		35,868	
Wabash	121,755	246,708	29,007	11,863	47,432	76,459		170,249	
Washington	73,515	416,922	98,020	19,262	77,048	175,008		241,854	
Wayne	3,555	31,416	4,740	23,712	94,848	99,588		68,172	
White	35,017	272,388	46,680	21,945	90,780	146,469		125,919	
Williamson	46,975	41,97	9,300	22,184	88,736	98,636			
Total	774,384	5,396,993	1,032,512	680,981	2,723,924	3,756,436	2,213,971		573,414

*1½ bushels per acre.

#Four bushels per capita.

†Estimated same as last year.

PASTURES AND SORGHUM.

NORTHERN DIVISION.	PASTURES.			SORGHUM.				
	Acreage 1890, re- turned by As- sessors.	Value per acre for season of 1890.	Total value.	Average 890, re- turned by As- sessors.	No. of gallons of syrup per acre.	Total number of gallons produc- ed.	Price per gallon.	Value of product.
Boone.....	49,642	\$4 35	\$215,943	80	*110	8,800	\$ 0 50	\$4,400
Bureau.....	123,494	5 00	617,470	36	*110	3,960	*50	1,980
Carroll.....	69,000	4 85	334,650	43	50	2,150	51	1,096
Cook.....	82,058	1 65	135,396	.....	.....	.....	.....	.....
DeKalb.....	112,521	2 50	281,302	146	*110	16,060	*51	8,191
DuPage.....	53,101	6 25	331,881	.....	.....	.....	.....	.....
Franklin.....	61,234	2 50	153,085	.....	.....	.....	.....	.....
Grundy.....	335,062	3 75	1,256,731	11	100	1,100	50	550
Henderson.....	89,350	3 45	309,691	58	100	5,800	50	2,900
Henry.....	112,954	3 45	389,691	94	150	14,100	46	6,486
Iroquois.....	144,119	2 10	302,650	32	200	6,400	50	3,200
Jo Daviess.....	103,613	3 50	362,645	.....	.....	.....	.....	.....
Kane.....	110,069	3 00	330,207	30	70	2,100	47	987
Kankakee.....	97,702	2 00	195,404	.....	.....	.....	.....	.....
Kendall.....	51,628	2 85	147,140	68	112	7,616	50	3,808
Knox.....	152,946	2 85	435,896	.....	.....	.....	.....	.....
Lake.....	87,276	2 85	248,737	.....	.....	.....	.....	.....
LaSalle.....	127,945	4 30	550,163	14	100	1,400	60	132
Lee.....	363,405	3 35	1,217,307	.....	.....	.....	.....	.....
Livingston.....	108,479	6 30	683,405	5	*110	550	*50	275
Marshall.....	113,978	6 50	740,857	63	60	3,780	40	1,512
McHenry.....	49,320	3 35	165,222	8	*110	880	52	458
Mercer.....	138,696	2 45	339,805	.....	.....	.....	.....	.....
Monroe.....	102,572	3 15	323,102	150	150	22,050	53	318
Ogle.....	97,197	2 00	194,394	30	45	1,350	50	11,025
Peoria.....	43,733	4 50	196,798	21	*110	2,970	50	1,485
Putnam.....	25,872	2 70	69,854	21	97	2,057	47	957
Rock Island.....	70,401	5 00	352,005	126	85	10,710	50	5,355
Stark.....	40,733	3 15	127,854	46	100	4,600	52	2,392
Stephenson.....	63,995	3 00	201,584	17	253	4,301	55	2,365
Warren.....	100,139	3 00	300,417	101	90	9,000	46	4,181
Whiteside.....	107,337	5 35	574,253	45	*110	4,950	50	2,475
Will.....	125,880	3 25	409,110	2	*110	220	*50	110
Winnebago.....	74,570	2 50	186,425	24	109	2,616	50	1,308
Woodford.....	46,353	5 25	243,248	7	80	560	63	363
Total or average.....	2,937,887	\$3 45	\$10,069,544	1,290	109	140,970	\$ 0 49	\$99,674

PASTURES AND SORCHUM—Continued.

CENTRAL DIVISION.	PASTURES.		SORGHUM.			
	Acreage 1890, re- turned by As- sessors.	Value per acre for season of 1890.	Total value.	Acreage 1890, re- turned by As- sors.	No. of gallons of syrup per acre.	Total number of gallons produced.
Adams	73,497	\$4 85	\$319,712	130	*92	11,960
Brown	20,253	3 00	60,759	36	*92	3,312
Calhoun	9,069	3 70	33,555	50	150	4,500
Cass	23,951	*3 75	89,816	14	100	1,400
Champaign	112,132	3 35	375,642	130	75	3,750
Christian	37,249	3 15	117,334	2	*92	184
Clark	24,964	2 10	52,424	220	67	14,740
Coles	23,230	3 00	69,690	31	*92	1,283
Cumberland	2,192	4 00	8,768	28	60	2,552
DeWitt	54,928	3 00	164,784	6	*92	552
Douglas	36,146	3 00	108,438	7	100	700
Edgar	43,722	4 25	185,818	16	117	1,872
Ford	57,517	3 00	172,551	55	*92	5,060
Fulton	85,132	3 85	327,885	88	*92	8,096
Greene	52,806	4 00	211,984	29	*92	2,668
Hancock	101,501	5 50	558,255	84	*92	7,728
Jersey	25,602	4 00	102,408	21	50	1,050
Logan	48,244	4 50	217,098	22	*92	2,024
Macon	30,733	5 00	153,665	11	*92	1,012
Macoupin	59,225	3 50	207,287	9	75	675
Mason	19,328	4 50	86,976	21	50	1,050
McDonough	135,699	3 50	475,286	21	*92	1,932
McLean	37,266	3 75	139,747	21	100	2,100
Menard	61,050	2 35	143,467	325	*92	29,900
Montgomery	128,841	4 10	528,248	88	*92	8,096
Morgan	7,533	3 75	28,249	615	75	46,125
Moultrie	7,223	3 65	26,729	15	*92	1,380
Pike	61,719	3 15	194,415	16	*92	1,472
Sangamon	62,119	4 25	264,006	40	*92	3,680
Schuyler	51,135	3 00	153,405	9	*92	828
Scott	4,623	5 00	23,113	92	*92	8,464
Shelby	15,008	2 35	35,269	1	60	980
Tazewell	47,333	6 85	324,231	32	90	2,850
Vermilion	74,702	3 10	231,576	19	150	13,680
Total or average	1,654,483	\$3 80	\$6,290,720	2,382	87	208,312
						\$94,570

Total or average.....

PASTURES AND SORGHUM—Continued.

SOUTHERN DIVISION.			SORGHUM.				
PASTURES.							
Acreage 1890, re- turned by As- sessors.	Value per acre for season of 1890.	Total value.	Average 1890, re- turned by Assess- sors.	No of gallons of syrup per acre.	Total number of gallons produced.	Price per gallon.	Value of product.
Alexander.....	916	\$3,664	11	12	1,375	\$ 0 35	\$481
Bond.....	26,889	63,189	46	55	2,530	42	1,063
Clay.....	21,513	32,269	1,560	*81	126,360	40	50,544
Clinton.....	21,505	64,515	22		1,782	44	784
Crawford.....	430,989	162,692	+185	122	22,570	37	8,351
Edwards.....	12,321	41,275	3	61	189	40	76
Effingham.....	15,152	22,728	98		5,480	33	1,940
Fayette.....	4,215	5,269	12	80	5,660	37	355
Franklin.....	5,035	19,385	66	83	5,610	40	2,244
Gallatin.....	1,927	9,635	3	86	25	37	95
Hamilton.....	7,161	23,989	105	92	9,660	35	3,381
Hardin.....	5,056	24,016	58	80	4,640	37	1,717
Jackson.....	+11,228	32,561	+117	75	8,775	40	3,510
Jasper.....	19,539	29,308	99	69	5,940	37	2,198
Jefferson.....	435,145	96,649	+56	90	5,040	35	1,764
Johnson.....	3,828	7,656	44	100	4,400	35	1,540
Lawrence.....	4,395	8,790	7	50	350	25	87
Madison.....	28,504	106,800	10	*81	810	42	340
Marion.....	22,463	89,852	1,138	75	85,350	45	38,407
Massac.....	4,641	23,205	56	75	4,200	30	1,260
Monroe.....	7,188	34,143	4	*81	324	40	130
Perry.....	2,565	7,955	2	70	140	56	56
Pope.....	49,887	27,189	+159	*81	12,879	32	4,121
Pulaski.....	5,147	15,441	137	140	19,180	42	8,056
Randolph.....	20,465	30,697	138	72	9,936	45	4,471
Richland.....	29,869	126,688	142	*81	11,502	32	3,681
Saline.....	7,413	22,239	102	72	5,344	38	2,791
St. Clair.....	24,730	111,285	57	*81	4,617	40	1,847
Union.....	7,265	31,239	35	67	2,545	51	1,196
Wabash.....	+11,195	44,781	+4	*81	1,134	30	367
Washington.....	27,597	59,343	150	75	11,250	35	3,937
Wayne.....	+35,190	58,063	+266	83	22,078	35	7,727
White.....	15,476	30,952	47	102	4,794	34	1,630
Williamson.....	4,718	7,785	91	60	5,460	39	2,129
Total or average.....	491,068	\$1,475,326	5,046	81	400,662	\$ 0 40	\$162,476

* Estimated same as in 1889.

* Estimated.

CROP REPORT.

IRISH AND SWEET POTATOES.

NORTHERN DIVISION.										IRISH POTATOES.				SWEET POTATOES.			
	Acreage 1890, re- turned by As- sessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel	# Value of crop.	Cost of pro- duction per acre.	Total cost of produc- tion.	Profit on crop.	Loss on crop.	Acreage 1890, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	#Value of crop.			
Boone.	888	30	26,640	\$0 83	\$22,111	\$21 45	\$19,048	\$3,063			79	237	\$1 25	\$296			
Bureau	1,797	22	39,534	1 05	41,511	14 70	26,416	15,095		3	30	69	1 60	96			
Carroll.	1,180	21	24,780	1 00	24,780	16 60	19,588	5,192		2	79	79	1 25	99			
Cook.	9,953	73	238,872	97	231,706	20 00	199,080	32,646		1							
Dekalb.	1,621	25	121,515	80	97,260	22 40	36,310	60,950									
DuPage	3,580	75	107,400	92	98,808	19 95	71,421	27,387									
Grundy	601	*21	12,684	1 00	12,684	19 50	11,778	9 6		1	*79	360	1 00	360			
Henderson.	45	20	900	1 00	900	15 75	709	191		4	90	57	1 25	71			
Henry.	1,282	18	23,076	1 00	23,076	22 10	28,332	5,256		1	57						
Iroquois.	1,398	39	54,522	1 05	57,248	23 00	32,154	25,094									
Jo Daviess	1,853	14	25,942	90	23,348	16 75	31,038	7,690									
Kane.	1,850	25	46,250	97	44,862	17 70	32,745	12,117									
Kankakee	1,057	22	23,254	1 00	23,254	20 30	21,457	1,797									
Kendall	892	27	21,084	1 00	24,084	20 05	17,885	6,199									
Knox	6 9	60	37,740	1 05	39,627	17 65	11,102	28,525		2	*79	158	1 25	197			
Lake.	1,599	33	51,168	92	47,074	17 75	28,382	18,692		3	150	450	1 25	562			
LaSalle	2,685	22	59,070	93	54,935	22 45	60,278	5,343		1	100	100	87	87			
Lee	2,063	30	61,710	82	50,692	24 00	49,368	1,234									
Livingston	2 003	19	20,030	95	19,028	19 05	38,157	19,120									
Marshall	571	17	9,707	97	9,416	17 50	9,992	576									
McHenry	1,914	19	36,366	92	33,457	21 25	40,672	7,215									
Mercer	717	24	17,208	1 00	17,208	18 10	12,978	4,230		8	60	480	1 15	552			
Ogle	1,946	17	33,082	95	29,774	19 05	31,071	7,297									
Peoria.	729	36	26,244	1 20	31,493	19 20	13,997	17,496		5	100	500	1 35	675			
Putnam.	235	22	5,170	97	5 015	16 40	8,354	1,161									
Rock Island	2,605	59	153,695	91	138,325	15 80	41,159	97,166									
Stark	389	58	22,562	1 00	22,562	19 25	7,488	15,074									
Stephenson	1,384	25	34,600	1 00	34,600	18 50	25,604	8,996		146	*79	11,534	1 25	14,417			
Warren	415	12	4,980	1 05	5,229	20 40	41,656	3,237		7	42	294	1 50	441			
Whiteside	2,204	20	44,080	95	41,876	18 90	56,011	19,679									
Will	3,364	25	84,100	90	75,690	16 65	29,960	6,160									
Winnebago	1,400	20	28,000	85	23,800	21 40	29,960	1,543									
Woodford	738	22	16,236	97	15,749	19 25	14,206										
Total or average	55,581	27	1,515,261	\$0 94	\$1,421,092	\$19 40	\$1,078,342	\$404,653	\$61,903	184	78	14,388	\$1 25	\$17,952			

IRISH AND SWEET POTATOES—Continued.

CENTRAL DIVISION.										IRISH POTATOES.				SWEET POTATOES.			
Acreage 1890, re- turned by As- sessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	#Value of crop.	Cost of pro- duction per acre.	Total cost of produc- tion.	Profit on crop.	Loss on crop.		Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	#Value of crop.				
1,052	27	28,404	\$1 10	\$31,244	\$20 80	\$21,882	\$9,362			41	100	4,100	\$1 05	\$4,305			
189	35	6,615	1 05	6,946	18 00	3,402	3,544										
500	28	14,000	1 05	14,000	21 85	10,425	3,575										
324	37	12,096	1 05	12,750	24 90	10,425	13,325			344	80	27,320	1 00	27,320			
2,088	37	77,556	1 05	81,526	24 90	39,150	35,788			10	37	370	1 25	462			
312	41	12,792	1 15	14,438	18 75	23,150	35,788			2	80	100	1 40	140			
590	18	10,620	1 05	11,111	24 15	7,535	7,176			12	67	804	1 40	958			
354	37	13,068	1 05	13,877	17 30	10,207	7,611			1	50	50	1 40	70			
47	25	1,175	1 00	1,243	15 75	740	435										
190	10	1,900	1 00	1,900	21 15	4,018	2,118			1	100	100	1 50	150			
125	25	3,125	1 00	3,325	22 25	2,781	744			1	100	100	1 50	150			
219	30	6,570	1 00	6,781	14 40	3,154	2,628			4	15	60	1 00	60			
438	15	6,570	1 00	6,778	16 35	3,154	2,628										
1,241	35	43,435	1 10	47,778	19 65	24,386	23,392										
223	27	6,021	1 10	6,623	17 00	3,791	2,832										
636	27	17,172	1 10	18,442	21 85	13,897	2,245			5	45	225	1 20	270			
392	20	7,840	1 00	7,840	16 95	6,644	1,196			1	100	100	1 20	120			
686	22	15,092	1 10	16,601	16 10	11,045	5,556			8	20	160	1 25	200			
212	17	3,604	1 15	4,145	24 90	5,279	1,134			21	69	2,079	1 10	2,287			
392	25	9,800	1 05	10,290	19 45	4,624	2,666			1	88	88	1 30	114			
275	8	2,200	1 00	2,200	17 15	4,716	2,802			2	112	224	1 25	280			
180	25	4,500	1 00	4,500	20 85	3,753	747			30	50	1,500	1 10	1,650			
McLean	20	23,400	1 07	24,988	16 95	19,831	2,897			5	50	250	1 50	375			
McLean	20	23,400	1 07	24,988	16 95	19,831	2,897			33	75	2,475	1 50	3,712			
McLean	51	68,340	1 05	71,757	23 85	39,959	39,798			50	88	4,400	1 00	4,400			
McLean	17	6,528	1 05	6,854	13 30	5,107	1,747			1	50	50	1 00	50			
McLean	27	28,890	1 07	28,023	16 35	17,494	10,529			256	100	25,600	1 10	28,160			
McLean	64	448	1 10	493	12 10	774	282										
McLean	10	1,350	1 10	1,485	21 95	2,963	1,478										
McLean	35	12,987	1 00	12,987	20 45	7,178	5,809			88	88	176	1 15	202			
McLean	37	13,500	1 05	14,025	21 45	7,178	5,809			2	87	870	1 15	1,000			
McLean	20	6,980	1 10	7,668	15 50	6,886	2,886			1	76	76	1 05	80			
McLean	444	29,065	1 15	31,515	13 20	3,566	1,662			1	120	120	1 20	144			
McLean	65	7,755	1 15	8,406	21 15	4,526	1,315			4	75	300	1 20	360			
McLean	27	4,065	1 15	4,476	23 40	19,235	1,315			152	134	20,368	1 05	19,553			
McLean	214	20,550	1 00	20,550	23 40	19,235	1,315			6	50	300	1 35	405			
McLean	805	29,785	1 00	29,785	23 40	19,441	10,344										
Total or average										1,005	92	92,625	\$1 05	\$96,471			

Total or average

IRISH AND SWEET POTATOES—Continued

SOUTHERN DIVISION														
IRISH POTATOES.														
Acreage 1890, re- turned by As- sessors.	Average yield per acre in bushels.	Total yield, in bushels.	Price per bushel.	#Value of crop.	Cost of pro- duction per acre.	Total cost of produc- tion.	Profit on crop.	Loss on crop.	SWEET POTATOES.					
									Acreage 1890, re- turned by As- sessors.	Yield per acre in bushels.	Total yield, in bushels.	Price per bushel.	#Value of crop.	
Alexander.....	44	42	1,818	\$0 90	\$1,663	\$16 30	\$717	\$946	3	75	225	\$0 82	\$139	
Bond.....	220	29	6,380	1 05	6,699	18 65	4, 03	2,596	1	100	100	1 00	100	
Clay.....	231	30	6,936	1 10	7,623	13 95	3, 199	4,424	3	100	300	83	249	
Clinton.....	550	27	14,850	1 10	16,335	18 05	9,921	6,408	2	38	76	1 20	91	
Crawford.....	1259	20	5,180	1 10	5,698	17 35	4, 924	1,204	.....	.....	.....	.....	.....
Edwards.....	35	25	875	1 05	919	18 05	6, 962	4, 287	.....	.....	.....	.....	.....
Effingham.....	416	30	12,480	95	11,896	16 75	6, 962	4, 288	.....	.....	.....	.....	.....
Fayette.....	29	50	1,450	1 00	1,450	24 40	7, 222	4, 288	.....	.....	.....	.....	.....
Franklin.....	81	33	2,673	87	2,325	14 09	1, 710	555	99	67	6,633	63	4,179	
Gallatin.....	215	20	4,300	1 10	4,730	13 15	1, 720	1,220	6	80	480	66	317	
Hamilton.....	1,117	23	23,691	87	22,35	21 85	7, 822	3,455	.....	.....	.....	.....	.....
Jackson.....	358	42	15,436	75	11,277	16 10	10,642	8,935	4231	100	23,100	1 00	23,100	
Hardin.....	1661	75	49,575	1 00	49,575	13 00	2, 955	6,975	1	75	75	1 10	82	
Jasper.....	225	49	9,000	1 10	9,900	12 00	1, 812	1,812	110	30	300	75	225	
Jefferson.....	*151	*52	3,322	1 10	3,654	12 00	1, 894	817	25	*98	2,450	40	980	
Johnson.....	59	12	588	1 00	588	20 15	987	\$999	.....	.....	.....	.....	.....
Lawrence.....	49	37	316,616	1 10	348,311	23 90	204,536	143,775	120	25	3,000	1 25	3,750	
Madison.....	8,558	10	730	1 20	876	16 20	1, 183	307	.....	.....	.....	.....	.....
Marion.....	73	39	3,870	60	2,322	16 80	2, 167	155	6	100	600	60	360	
Massac.....	129	30	46,680	1 00	46,680	20 40	23,807	22,873	5	*73	365	1 00	365	
Monroe.....	1,167	40	46,680	1 00	46,680	20 40	23,807	22,873	3	80	240	98	235	
Perry.....	54	20	1,080	1 10	1,188	13 10	3, 707	481	417	53	901	63	568	
Pope.....	4153	53	8,109	75	6,082	19 90	3, 045	3,057	248	145	35,960	85	30,366	
Pulaski.....	1,151	60	69,060	85	58,701	20 55	23,653	35,048	11	52	572	1 00	572	
Randolph.....	1,703	12	8,436	1 15	9,701	14 45	5,968	4,464	3	63	189	62	728	
Richland.....	413	11	4,543	90	4,089	16 70	1, 335	1,879	14	125	1,750	91	1,085	
Saline.....	80	44	4,640	88	4,085	16 70	175,038	166,323	17	100	1,400	91	1,274	
St. Clair.....	7,263	47	341,361	1 00	341,361	24 10	4,886	2,747	14	100	1,400	56	18,367	
Union.....	260	77	22,330	83	18,534	16 85	4, 886	2,440	377	87	32,599	56	18,367	
Wabash.....	183	35	2,015	1 25	3,631	14 35	1, 191	2,440	13	67	871	1 05	914	
Washington.....	965	22	21,670	1 05	22,753	19 00	18,715	4,038	*25	52	1,300	80	1,040	
Wayne.....	1271	22	5,932	1 10	6,558	15 95	4,322	2,236	17	100	1,700	67	1,139	
White.....	49	60	5,940	85	5,049	18 50	1,831	3,218	49	80	3,920	85	3,332	
Williamson.....	120	35	4,200	1 15	4,830	14 55	1,746	3,084	.....	.....	.....	.....	.....
Total or average.....	26,292	39	1,031,408	\$1 00	\$1,043,233	\$21 45	\$563,708	\$486,574	1,303	91	119,306	\$0 78	\$93,157	

*Estimated. †Estimated same as 1889. ‡Had the farmers sold their crops at the prevailing price December 1, they would have received these amounts.

TURNIPS, BUCKWHEAT, AND BROOM CORN.

NORTHERN DIVISION.	TURNIPS AND OTHER ROOT CROPS.				TURN- NIPS.	BUCKWHEAT.				BROOM CORN.				
	Value 1890 crop returned by Assessors	Value 1890 crop compar- ed with 1889.	Value of 1890 crop.	Average yield per acre in bushels.		Average yield per acre in bushels.	Average yield per acre in bushels.	Total yield in bushels.	Price bu- per sh.	Value of crop.	* (Gross 1890, re- turned by Assess- ors.)	Average yield per acre in tons.	Total yield in tons.	Price per ton.	Value of crop.
Roone	\$200	80	\$60	100	134	12	1,608	\$ 0.55	\$884	40	* $\frac{1}{16}$	13	*78	\$1,014
Bureau	231	*77	178	*1.9	31	*16	496	*67	332	14	* $\frac{1}{16}$	5	*78	390
Carroll	65	100	65	*119	155	18	2,790	57	1,590					
Cook	119, 777	55	65, 877	*119	43	14	602	57	313					
DuKa b.					115	10	1,150	*67	770					
DuPage	940	82	771	*119	25	20	500	60	300					
Grundy	4, 330	*89	3, 854		17	20	500	*67	182					
Henderson					31	15	372	100	372					
Henry	165	80	132	100	16	10	160	90	144					
Iroquois	804	68	547	182	123	*16	1,968	*67	1,318					
Joliet	295	200	591	119	64	26	1,661	*67	1,115					
Kane	4, 85	30	1,253	32	34	20	680	57	388					
Kankakee	3, 421	117	4, 002	65	86	12	1,032	50	516					
Kendall	40	112	157	75	13	*16	208	*67	139					
Knox	1, 000	90	900	*119	4	25	100	100	463					
Lake	1, 410	100	1, 410	275	30	18	540	80	432	2		231	90	20,790
LaSalle	845	65	549	40	236	*16	128	*67	86			1	*78	78
Lee	243	50	100	100	17	8	136	75	3, 102					
Livinston	466	80	120	80								6	*78	468
Marshall	150	97	383	300	277	30	8,310	42	3,490			10	*78	468
McHenry	395	75	15	100	199	*16	3,184	*67	2,133			18	*78	468
McKenzie	211	75	30	100	182	13	1,716	50	858			33	*78	624
Ogle	762	125	40	182	182	*16	4	60	29			3	*78	78
Peoria	30	102	31	*119	8									
Putnam					22	*16	35							
Putnam	755	97	732	25	2	*16	32	*67	21	20		7	*78	516
Rock Island					2									
Stark	703	102	717	175	50	21	1,076	48	504			13	*78	312
Stephenson	45	95	43	117	27	*16	432	*67	289			40	*78	1,014
Warren	854	60	530	75	121	5	61	80	484			10	*78	234
Whit side	345	90	31	100	57	20	1,140	*67	764			24	*78	1,872
Will	2,510	*102	2,560	200	58	14	812	40	325					
Winnebago														
Woodford														
Total or average	\$145, 084.	60	\$87, 226	119	2, 130	17	35,391	\$ 0.61	\$21, 596	3, 973		1, 134	*73	\$23, 550

TURNIPS, BUCKWHEAT, AND BROOM CORN—Continued.

CENTRAL DIVISION.	TURNIPS AND OTHER ROOT CROPS.				TURNIPS.		BUCKWHEAT.				BROOM CORN.				
	Value 1889 crop returned by Assessors.	Value 1890 crop compared with 1889.	Value of 1890 crop.		Average yield per acre in bushels.	Acreage turned 1890, re- by Asses.	Average yield per acre in bushel.	Total yield in bushels.	Price per bu.	Value of crop.	Average 1890, re- turned by Asses.	Average yield per acre in tons.	Total yield in tons.	Price per ton.	Value of crop.
Adams	\$140	80	\$112	75	60	16	960	\$ 0 67		\$643					
Brown.....	98	75	73	97											
Calhoun.....															
Cass.....	40	80	32	93											
Champaign.....	175	100	175	125	2	8	16	75		12	98	5	24	2	\$124
Christian.....	665	63	419	150											1,488
Clark.....	1,207	120	1,320	120	308	11	3,388	47		1,592	50	50	12	62	744
Coles.....	586	95	566	75	2	30	60	67		68	11,630	34	8,722	20	508,096
Cumberland.....					3	16	48	1 00		48	82	24	20	60	1,200
Dewitt.....															
Douglas.....	50	100	50	200							8,618	14	9,873	57	163,761
Edgar.....	405	104	421	62	1	14	14	40		6	978	14	326	62	20,212
Ford.....					13	25	325	75		244	3	3	1	62	62
Fulton.....	761	95	723	87											
Greene.....	34	115	39	200											
Hancock.....	228	115	262	200											
Jersey.....	345	88	304	137											
Logan.....	272	65	177	57	1	16	16	67		11					
Macon.....	35	25	131	131	9	16	144	67		96					
Macoupin.....	89	87	77	75											
Mason.....	55	100	55	98	12	12	144	67		96	14	14	5	62	310
McDonough.....	1,833	100	1,833	120	3	16	48	67		32					
McLean.....	20	62	1	12	1	16	16	67		11					
Menard.....	1,220	100	1,220	50	20	16	320	67		214					
Montgomery.....	601	80	431	120	20	10	280	67		188					
Morgan.....	25	50	12	57	28	10									
Moultrie.....	465	95	385	12							314	14	78	65	5,070
Piatt.....				100											
Pike.....	607	100	607	112											
Sangamon.....	688	65	447	50											
Schuyler.....	170	90	153	100	6	16	96	65		62					
Scott.....	293	25	73	70											
Shelby.....	132	82	108	200											
Tazewell.....	45	88	40	133											
Vermilion.....	737	125	921	110	2	16	32	67		21	50	24	1	62	1,054
Total or average	\$12,031	94	\$11,306	113	471	12	5,907	\$ 0 56		\$3,316	21,861	1/2	12,037	65	\$787,555

TURNIPS, BUCKWHEAT, AND BROOM CORN—Continued.

SOUTHERN DIVISION.	TURNIPS AND OTHER ROOT CROPS.				TURNIPS.				BUCKWHEAT.					BROOM CORN.				
	Value 1889 crop returned by Assessors	Value 1890 crop compared with 1889.	Value of 1890 crop.	Average yield per acre in bushels.	Average yield per acre in bushels.	Acreage turned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Acreage turned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per ton.	Value of crop.	Acreage turned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.
Alexander.....	\$314	98	\$308	87	3	3	*12	36	*40 65	\$23	..	..	..	..	..	..	..	..
Bond.....	362	100	362	100	57	3	*12	30	*90 65	27	..	..	..	..	..	..	..	..
Clay.....	362	100	362	100	57	3	*12	30	*90 65	27	..	..	..	..	..	..	..	..
Clinton.....	68	68	68	54	1	1	*10	10	75	7	..	..	..	..	..	..	..	..
Crawford.....	43,506	93	3,260	69	+144	..	14	2,016	59	1,189	..	..	..	..	..	..	..	..
Edwards.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Edgingham.....	90	117	105	267	1	1	11	11	55	6	..	..	..	..	..	..	..	..
Payette.....	25	75	19	200	3	3	13	39	70	27	..	..	..	..	..	..	..	..
Franklin.....	120	100	120	100	2	2	*12	24	*65	16	..	..	..	..	..	..	..	..
Gallatin.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hamilton.....	70	75	52	110	2	2	*12	24	*65	16	..	..	..	..	..	..	..	..
Hardin.....	400	40	160	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jackson.....	41,413	150	2,119	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jasper.....	1,335	108	1,442	83	11	11	16	176	62	109	..	..	..	..	..	..	..	..
Jefferson.....	42,366	100	2,366	150	+13	..	10	130	50	65	..	..	..	..	..	..	..	..
Johnson.....	941	100	941	147	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lawrence.....	46	50	23	100	19	19	12	228	50	114	..	..	..	..	..	..	..	..
Madison.....	4,325	62	2,681	85	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Marion.....	1,140	60	684	100	5	5	10	50	75	37	..	..	..	..	..	..	..	..
Massac.....	440	100	440	150	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Monroe.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Perry.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pope.....	12,368	125	2,960	75	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pulaski.....	8,300	97	8,051	172	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Randolph.....	561	125	701	200	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Richland.....	507	105	532	113	49	6	15	90	1 00	90	..	..	..	..	..	..	..	..
Saline.....	250	137	342	240	5	5	*12	60	*65	39	..	..	..	..	..	..	..	..
St. Clair.....	85	58	49	72	3	3	*12	36	75	27	..	..	..	..	..	..	..	..
Union.....	565	100	565	170	1	1	*12	12	*65	8	..	..	..	..	..	..	..	..
Wabash.....	138	88	56	80	+1	..	*12	12	*65	8	..	..	..	..	..	..	..	..
Washington.....	42,193	68	1,491	100	18	18	*12	216	*65	140	..	..	..	..	..	..	..	..
Wayne.....	71	77	55	97	+125	..	16	2,000	90	1,040	..	..	..	..	..	..	..	..
White.....	507	67	340	115	2	2	*12	60	*65	39	..	..	..	..	..	..	..	..
Williamson.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total or average.....	\$32,613	93	\$30,415	120	479	..	13	6,409	56	\$3,624	..	..	..	..	..	..	..	..

*Estimated.

†Estimated same as in 1889.

TOBACCO, CASTOR BEANS, AND BEANS.

NORTHERN DIVISION.	TOBACCO.					CASTOR BEANS.					BEANS.			
	Average 1890, returned by Assessors	Total yield in pounds.	Price per pound.	Value of crop.	Average 1890, returned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Average 1890, returned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.
Boone.....	90	*1,762	*80 08	\$12,686	.....	.....	.....	.....	.....	6	*18	108	\$1 75	\$189
Bureau.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	*18	288	*2 45	706
Carroll.....	3	*1,762	*08	423	.....	.....	.....	.....	.....	21	*18	378	1 85	699
Cook.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	*12	84	1 85	155
DeKalb.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	*18	18	*2 05	37
DuPage.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	*25	175	1 85	324
Grundy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	*18	108	*2 00	216
Henderson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	*18	216	*2 00	432
Henry.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	*18	252	*2 75	693
Iroquois.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	*18	54	*2 00	108
Jayavess.....	344	1,900	12	78,432	.....	.....	.....	.....	.....	5	*18	90	1 00	90
Kane.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	*12	24	1 85	44
Kankakee.....	1	*1,762	*08	141	.....	.....	.....	.....	.....	6	*18	108	*2 00	216
Kendall.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Knox.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lake.....	1	*1,762	*08	141	.....	.....	.....	.....	.....	3	*18	54	2 60	140
LaSalle.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	30	420	2 25	945
Lee.....	.....	.....	.....	.....	2	*8	16	*1 50	\$24	4	*18	72	*2 35	169
Livingston.....	17	*1,762	*08	2,396	5	*8	16	*1 50	21	12	10	120	3 00	360
Marshall.....	.....	29,954	*08	.....	.....	*8	40	*1 50	60	8	*18	144	2 00	288
McHenry.....	.....	.....	*08	1,128	.....	.....	.....	.....	.....	1	20	20	2 00	40
Mercer.....	8	*1,762	14,096	.....	.....	.....	.....	.....	.....	15	30	450	1 75	787
Morgan.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	*18	234	*2 45	573
Ogle.....	.....	.....	.....	.....	1	*8	8	1 50	12	9	8	72	2 00	144
Peoria.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	*18	36	2 75	99
Putnam.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rock Island.....	.....	.....	.....	.....	1	*8	8	*1 50	12	.....	.....	.....	.....	.....
Stark.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	*18	72	*2 35	169
Stephenson.....	44	1,625	09	6,435	.....	.....	.....	.....	.....	36	*25	92	2 55	92
Warren.....	.....	71,500	.....	.....	.....	.....	.....	.....	.....	50	10	500	1 35	675
Whiteside.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	*18	108	2 00	216
Will.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	*18	126	2 00	252
Winnebago.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	*18	144	2 00	288
Woodford.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23	*18	414	2 00	900
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	20	80	2 50	200
Total or average.....	508	1,843	\$0 11	\$101,782	11	8	88	\$1 50	\$132	293	17	5,041	\$2 05	\$10,246

TOBACCO, CASTOR BEANS, AND BEANS--Continued.

CROP REPORT.

CENTRAL DIVISION.	TOBACCO.					CASTOR BEANS.					BEANS.					
	Average 1890. Assessors.	Average yield per acre in pounds.	Total yield in pounds.	Price per pound.	Value of crop.	Average 1890. Assessors.	Average yield in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Average 1890. Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	
Adams.....	1	*294	294	*80 08	\$23							6	*17	102	\$2 50	\$255
Brown.....																
Calboun.....												5	*17	85	*2 00	170
Cass.....	1	*294	294	*08	23							8	25	200	2 00	400
Champaign.....																
Christian.....																
Clark.....	5	*294	1,470	*08	118	6	*8	48	*1 50	\$72	12	15	2,580	1 85	4,773	
Coles.....	1	*294	294	*08	23	2	*8	16	*1 50	24	304	*17	1,768	1 50	3,713	
Cumberland.....	11	*294	3,234	*08	259						6	*17	102	2 00	204	
De Witt.....	1	*294	294	*08	23						19	20	380	1 50	570	
Douglas.....	1	*294	294	*08	23						8	*17	136	2 40	326	
Edgar.....	1	*294	294	*08	23						25	*17	425	*2 00	850	
Ford.....											12	*17	204	2 00	408	
Fulton.....	1	*294	294	*08	23						1	*17	17	1 50	35	
Greene.....											2	*17	34	2 00	68	
Hancock.....																
Jersey.....	1	*294	2,058	*08	165	5	*8	40	*1 50	60						
Logan.....																
Macon.....																
Macoupin.....																
Mason.....																
McDonough.....						7	*8	56	*1 50	84	14	*17	238	2 00	476	
McLean.....											2	*17	34	2 00	68	
Menard.....											13	*17	221	2 00	442	
Montgomery.....											5	*17	85	2 00	170	
Morgan.....																
Moultrie.....																
Piatt.....																
Pike.....	2	*294	588	*08	47	1	*8	8	*1 50	12		1	15	2 00	30	
Sangamon.....																
Schuyler.....	9	*294	2,646	*08	212											
Scott.....																
Sueby.....											8	*17	136	1 00	218	
Tazewell.....											4	*17	68	2 50	153	
Vermillion.....											6	10	60	2 50	150	
Total or average.....	41	294	12,054	\$0 08	\$962	21	8	168	\$1 50	\$252	431	16	7,060	\$1 95	\$13,741	

TOBACCO, CASTOR BEANS, AND BEANS Continued.

SOUTHERN DIVISION.	TOBACCO.				CASTOR BEANS.				BEANS.			
	Average yield per acre in 1890.	Total yield in pounds.	Price per pound.	Value of crop.	Average yield per acre in 1890.	Total yield in bushels.	Price per bushel.	Value of crop.	Average yield per acre in 1890.	Total yield in bushels.	Price per bushel.	Value of crop.
Alexander.....
Bond.....
Clay.....
Clinon.....
Crawford.....
Edwards.....
Edgingham.....
Payette.....
Franklin.....
Galatin.....
Hamilton.....
Hardin.....
Jackson.....
Jasper.....
Jefferson.....
Johnson.....
Lawrence.....
Madison.....
Marion.....
Massac.....
Monroe.....
Perry.....
Pope.....
Pulaski.....
Randolph.....
Richland.....
Saline.....
St. Clair.....
Union.....
Wabash.....
Washington.....
Wayne.....
White.....
Williamson.....
Total or average.....

*Estimated.

†Estimated same as in 1889.

TIMOTHY, CLOVER, AND HUNGARIAN AND MILLET SEED.

CROP REPORT.

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NORTHER DIVISION.

	TIMOTHY SEED.				CLOVER SEED.				HUNGARIAN AND MILLET SEED.			
	Bushels pro-duced in 1889.	Bushels pro-duced in 1890.	Price per bushel.	Value of pro-duct.	Bushels pro-duced in 1889.	Bushels pro-duced in 1890.	Price per bushel.	Value of pro-duct.	Bushels pro-duced in 1889.	Bushels pro-duced in 1890.	Price per bushel.	Value of pro-duct.
Boone.....	1,612	1,363	\$1.20	\$1,636	5,121	67	3,431	\$3.60	334	95	317	\$203
Bureau.....	7,645	8,409	1.20	10,091	4,144	100	4,144	3.85	138	81	112	72
Carroll.....	2,820	2,284	1.35	3,083	8,058	61	4,915	3.75	4,102	81	30	2
Cook.....	348	348	1.50	522	12	100	12	4.40	4,462	100	75	3,846
DeKalb.....	10,316	10,316	1.10	11,348	4,986	110	5,485	3.50	71	57	64	3,369
DuPage.....	3,405	3,385	1.55	5,197	63	70	44	4.15	781	69	38	178
Grundv.....	3,787	4,168	1.15	4,791	498	93	463	3.65	550	81	445	285
Henderson.....	60	45	1.25	56	27	80	322	4.00	88			
Henry.....	2,069	1,428	1.50	2,142	6,277	30	1,883	4.30	215	81	174	130
Iroquois.....	3,990	5,930	1.40	8,302	1,456	65	946	3.85	3,042	95	3,783	2,421
JoDavies.....	2,285	40	1.25	1,142	2,464	110	2,710	4.00	10,840			
Kane.....	2,320	2,390	1.45	3,465	240	80	192	4.40	845	67	115	86
Kankakee.....	7,457	8,725	1.10	9,597	2,185	125	2,731	3.65	9,832	81	3,120	1,492
Kendall.....	6,449	6,449	1.10	6,889	2,926	97	2,838	3.75	530	81	18	274
Knox.....	1,457	1,457	1.95	2,841	9,480	47	4,436	4.00	17,824	20	10	20
Lake.....	1,037	997	1.4	1,396	715	103	726	3.90	2,570	87	135	815
LaSalle.....	10,017	8,937	1.15	10,273	3,840	101	3,878	3.60	13,961	72	114	60
Lee.....	29,934	30,882	1.05	32,374	11,044	93	10,829	3.65	30,326	254	254	127
Livingston.....	10,517	10,517	1.25	13,146	8,413	65	3,408	3.55	17,771	100	254	1010
Marshall.....	1,847	1,293	1.60	2,069	3,349	72	2,411	4.00	9,644	75	1	50
McHenry.....	1,792	1,380	1.60	2,208	1,172	80	937	3.75	3,514	100	946	473
Mercer.....	1,435	1,148	1.55	1,779	2,446	85	2,079	3.15	6,549	39	51	20
Ogle.....	12,278	8,595	1.05	9,025	10,146	72	1,305	3.65	26,465	990	802	321
Peoria.....	506	349	1.60	558	9,716	60	5,830	3.85	22,443	13	10	7
Putnam.....	737	569	1.45	812	2,705	79	2,138	4.65	8,659			
Rock Island.....	398	286	1.75	500	1,582	62	981	4.65	4,365			
Stark.....	424	365	1.55	5.6	1,324	62	3,350	4.65	1,499	97	26	12
Stephenson.....	1,760	1,265	1.60	2,029	3,874	87	3,350	3.85	12,907	50	40	26
Warren.....	558	70	1.80	1,082	1,832	46	843	4.15	3,498	141	137	81
Whiteside.....	3,398	3,160	1.70	5,372	5,645	59	2,822	4.15	11,711	683	684	435
Will.....	3,960	3,569	1.50	4,383	7,484	62	4,576	4.00	18,394	14,336	12,646	8,065
Winnebago.....	1,796	1,347	1.25	1,747	3,088	55	1,698	3.75	6,365	408	265	170
Woodford.....	4,675	4,207	1.90	7,993	10,419	65	6,772	4.25	28,781	1,175	294	188
Total or average.....	142,789	133,552	\$1.20	\$163,303	137,207	711	97,408	\$3.80	\$369,39	40,038	35,677	\$20,975

TIMOTHY, CLOVER AND, HUNGARIAN AND MILLET SEED—Continued.

	TIMOTHY SEED.					CLOVER SEED.					HUNGARIAN AND MILLET SEED.				
	Bushels pro- duced in 1889.	Bushels pro- duced in 1890.	Price per bushel.	Value of pro- duct.		Bushels pro- duced in 1889.	Bushels pro- duced in 1890.	Price per bushel.	Value of pro- duct.		Bushels pro- duced in 1889.	Bushels pro- duced in 1890.	Price per bushel.	Value of pro- duct.	
Adams.....	318	292	\$2 00	\$584	7,956	55	4,376	\$3 30	\$14,441	10	75	90	\$4 70	\$63	
Brown.....	20	17	1 45	29	3,555	47	1,671	4 50	7,519	10	75	90	\$4 70	\$63	
Calhoun.....	1 011	404	1 20	485	460	46	1,871	3 25	6,231	10	75	90	\$4 70	\$63	
Cass.....	10	94	1 75	16	460	46	1,871	3 25	6,231	10	75	90	\$4 70	\$63	
Champaign.....	2 015	97	1 30	2,540	4,803	104	1,871	3 25	6,231	10	75	90	\$4 70	\$63	
Christian.....	973	77	1 60	1,198	4,044	49	1,871	3 25	6,231	10	75	90	\$4 70	\$63	
Clark.....	454	105	1 70	811	1,629	88	1,417	3 85	5,465	102	352	352	\$7 00	246	
Coles.....	23	92	1 65	356	712	88	626	4 10	2,567	318	77	245	\$6 00	154	
Cumberland.....	100	75	1 50	112	1,187	25	48	4 00	192	192	102	352	\$7 00	246	
Dewitt.....	369	120	1 50	664	1,098	110	1,208	3 50	4,228	10	75	90	\$4 70	\$63	
Douglas.....	396	100	1 50	594	3,328	112	367	3 75	1,376	10	75	90	\$4 70	\$63	
Edgar.....	1 344	37	1 25	467	987	75	748	3 50	2,618	10	75	90	\$4 70	\$63	
Ford.....	3 670	30	1 25	4,129	506	65	329	4 00	1,316	10	75	90	\$4 70	\$63	
Fulton.....	1 641	89	1 65	2,449	28,694	84	24,103	3 65	87,976	10	75	90	\$4 70	\$63	
Greene.....	12	97	1 90	23	2,291	58	1,330	3 75	4,987	8	75	90	\$4 70	\$63	
Hancock.....	1 049	89	1 35	1,201	3,012	54	1,626	4 00	6,504	39	50	19	\$7 00	13	
Jersey.....	22	50	1 25	14	1,713	25	428	4 50	1,926	22	79	17	\$7 00	12	
Logan.....	159	7	1 50	166	2,612	35	1,973	4 75	5,097	10	75	90	\$4 70	\$63	
Macon.....	7,122	70	1 75	8,724	6,036	25	1,369	4 50	6,190	1	50	71	\$7 00	50	
Macoupin.....	53	125	2 05	137	380	105	369	4 00	1,596	90	79	71	\$7 00	50	
Mason.....	672	75	1 60	806	1,078	90	970	4 35	4,219	12	79	30	\$7 00	21	
McDonough.....	1 509	1,509	1 35	2,037	4,518	62	2,801	3 85	10,784	50	60	30	\$7 00	21	
McLean.....	1 100	92	1 85	1,700	3,065	55	201	4 50	904	50	60	30	\$7 00	21	
Menard.....	1 904	61	1 45	1,683	2,476	45	1,114	4 00	4,456	10	75	90	\$4 70	\$63	
Montgomery.....	760	73	1 90	1,054	1,700	38	65	5 15	335	186	70	130	\$8 00	104	
Morgan.....	20	82	2 00	32	211	91	190	4 00	760	186	70	130	\$8 00	104	
Moultrie.....	236	100	1 50	256	73	110	80	5 00	400	10	75	90	\$4 70	\$63	
Pike.....	665	100	1 50	997	9,443	66	6,232	4 00	24,928	10	75	90	\$4 70	\$63	
Sangamon.....	378	100	1 75	574	751	62	466	4 25	1,980	100	342	342	\$7 00	239	
Schuyler.....	772	90	1 40	973	13,260	85	11,271	3 25	36,631	8	79	6	\$7 00	4	
Scott.....	136	101	1 50	205	79	45	790	3 75	2,962	6	100	86	\$7 00	4	
Shelby.....	333	137	1 75	255	1,755	72	2,770	5 15	14,365	6	100	86	\$7 00	4	
Tazewell.....	414	82	1 55	1,755	1,355	99	1,322	4 00	5,288	856	100	86	\$7 00	4	
Vermilion.....	1 381	1,132	1 55	1,755	1,355	99	1,322	4 00	5,288	856	100	86	\$7 00	4	
Total or average.....	29,969	79	\$385	\$1 50	\$36,099	68	74,646	\$3 75	\$281,439	3,384	88	2,906	\$0 64	\$1,902	

CENTRAL DIVISION.

TIMOTHY, CLOVER, AND HUNGARIAN AND MILLET SEED—Continued.

CROP REPORT.

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TIMOTHY SEED.				CLOVER SEED.				HUNGARIAN AND MILLET SEED.				
Bushels pro- duced in 1889.	Bushels pro- duced in 1890.	Price per bushel.	Value of pro- duct.	Bushels pro- duced in 1889.	Bushels pro- duced in 1890.	Price per bushel.	Value of pro- duct.	Bushels pro- duced in 1889.	Bushels pro- duced in 1890.	Price per bushel.	Value of pro- duct.	
Alexander.....	20	\$2.45	\$49	30	70	\$4.00	\$84	12	100	\$1.00	\$12	
Bond.....	98	1.95	166	479	42	4.40	884	6.9	75	.70	325	
Clay.....	3, 102	1.50	3, 489	647	62	5.50	2, 205	464				
Clinton.....	19	1.60	24	574	75	3.80	1, 634					
Crawford.....	11, 049	1.40	1, 424	1, 241	807	3.85	3, 105					
Edwards.....	42	1.017	70	1, 761	62	3.65	3, 086	57	594	.72	428	
Ellingham.....	390	1.65	708	27	100	3.75	3, 750	25	75	.65	13	
Fayette.....	220	1.10	181	110	44	4.00	176	101	129	.70	69	
Franklin.....	26	1.60	30	127	75	3.40	323	54	40		15	
Gallatin.....	35	1.45	42	160	62	3.99	445					
Hamilton.....	388	1.55	499	853	46	4.25	1, 588	96	50	.70	34	
Hardin.....	21	1.95	35	418	35	4.05	620					
Hudson.....	1, 211	1.80	319	1, 098	10	3.95	434	42	72	.70	1	
Jackson.....	769	1.35	954	1, 86	67	3.75	469	122	55	.67	25	
Jasper.....	4364	1.25	114	472	25	4.00	72	72	80	.60	24	
Johnson.....	90	1.50	717	822	99	5.00	3, 700	36	72	.70	18	
Lawrence.....	1, 038	1.35	1, 359	232	75	3.50	469	6	72	.50	2	
Madison.....	367	1.00	330	1, 394	83	4.10	4, 744	339	60	.70	142	
Marion.....	90	1.00	330	3	110	3.50	10	762	72	.70	384	
Massac.....	77	2.60	169	1, 623	27	3.85	1, 563					
Monroe.....	84	1.75	4, 300	88	71	3.80	2, 36					
Perry.....	42, 451	2.451	2, 451	62	62	3.80	2, 36					
Pope.....	100	1.75	4, 300									
Pulaski.....	60	1.35	35	437	65	3.50	1, 039					
Randolph.....	3, 902	1.30	4, 160	2, 215	75	4.0	7, 051	25	87	.70	15	
Richland.....	81	2.60	177	2, 215	88	3.15	6, 139	359	72	.70	181	
Saline.....	4	1.25	5	4, 318	25	3.85	839	14	72	.70	7	
St. Clair.....	4	1.25	5	4, 318	94	4.085	17, 574	41	100	.52	21	
Union.....	7	2.45	15	1, 228	49	4.00	2, 408					
Wabash.....	181	1.40	213	1, 81	25	4.60	4, 708	59	100	1.25	74	
Washington.....	35	1.55	51	1, 81	85	4.25	1, 339					
Wayne.....	415, 699	1.10	12, 951	1, 543	58	4.25	7, 792					
White.....	35	1.60	46	2, 908	67	4.08	7, 792					
Williamson.....	207	1.75	243	580	50	4.50	1, 305					
Total or average.....	31, 419	25, 228	\$1.30	\$32, 875	60	19, 482	\$4.05	3, 823	66	2, 545	\$0.70	\$1, 790

SOUTHERN DIVISION.

*Estimated.

†Estimated same as in 1889.

SOUTHERN DIVISION.

CROP REPORT.

APPLES, PEACHES, AND PEARS.

NORTHERN DIVISION.									
APPLES.					PEACHES.			PEARS.	
Bushes produced in 1889	Bushes produced in 1890	Price per bushel.	Value of product.	Bushes produced in 1889	Bushes produced in 1890	Price per bushel.	Value of product.	Bushes produced in 1889	Bushes produced in 1890
Boone.....	38	14.30	\$ 1.35	\$19.344					
Bureau.....	27	13.624	1.25	17.030			\$9		
Carroll.....	16	8.063	1.80	10.432					
Conk.....	21	9.887	1.10	10.876					
DeKalb.....	10	7.820	*1.35	10.506					
DeKalb.....	17	12.701	1.45	18.416					
DuPage.....	*14	11.742	*1.55	2.548			15		
Grundy.....	25	9.662	.75	7.221					
Henderson.....	22	7.588	1.25	9.497					
Henry.....	32	12.12	1.50	18.180					
Iroquois.....	22	10.557	*1.35	6.157					
JoDavies.....	10	4.557		29.809					
Kane.....	42	22.08	1.35	29.809					
Kankakee.....	5	1.616	1.40	2.262					
Kendall.....	12	5.78	2.00	10.756					
Knox.....	30	2.641	1.10	5.905					
Lake.....	25	16.559	1.00	16.559					
LaSalle.....	22	19.240	1.65	31.746					
Lee.....	40	19.270	1.00	19.270					
Livingston.....	5	3.413	1.25	4.265					
Marshall.....	32	6.314	1.15	7.255					
McHenry.....	19	8.162	1.25	10.202					
Mercer.....	20	7.038	1.00	7.038					
Ogle.....	10	7.853	.75	5.890					
Peoria.....	37	6.890	1.40	9.646					
Puman.....	40	3.020	1.0	3.020					
Rock Island.....	42	15.305	1.5	17.611					
Stark.....	65	9.387	1.05	3.241					
Stephenson.....	15	3.281	1.35	7.129					
Warren.....	19	2.133	1.20	2.560					
Whiteside.....	37	13.481	1.10	14.829					
Will.....	25	15.600	1.50	23.535					
Winnebago.....	13	6.182	2.50	15.455					
Woodford.....	60	15.910	1.35	21.478					
Total or average.....	22	249.801	\$ 1.30	\$393.199					

Total or average.....	1,335,150	22,299,801	\$130,8393,199.
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APPLES, PEACHES, AND PEARS—Continued.

SOUTHERN DIVISION.	APPLES.				PEACHES.				PEARS.			
	Bushels Assec- ed in 1889	Bushels product- ed in 1890	compar- ed with 1889	Bushels product- ed in 1890	Price per bushel.	Value of product.	Bushels Assec- ed in 1889	Bushels product- ed in 1890	compar- ed with 1889	Bushels product- ed in 1890	Price per bushel.	Value of product.
Alexander.....	8,083				\$ 0 97	\$4,311						
Bond.....	47,558	55	29,734	64	4.44	19,030	320	150	45	144	\$ 0 93	\$134
Clay.....	97,819	62	36,734	64		28,230	502	100	55	82	1 00	81
Clinton.....	114,328	37	36,193	78		28,230	502	100	55	82	1 00	81
Crawford.....	445,168	42	48,018	90		43,216	1,749	14	19	6	1 25	\$89
Edwards.....	21,321	25	11,292	94		10,614	43,428	42	1,440	51	1 33	69
Effingham.....	45,081	53	11,409	72		8,214	345	13	45	156	1 10	1
Fayette.....	46,081	18	8,114	83		6,735	130	95	50	115	2 00	4
Franklin.....	25,222	33	4,918	70		3,443	50	45	* 1 15	52	* 1 30	3
Galatin.....	1,760	68	17,151	73		12,520	60	30	18	1 25	22	14
Hamilton.....	35,087	55	968	62		600	265	25	66	90	59	
Hardin.....	16,992	41	14,386	67		4,358	730	5	36	1 00	35	
Jackson.....	456,820	33	18,751	1 00		18,751	434,546	24	8,291	* 1 15	9,535	284
Jasper.....	39,024	33	12,878	1 00		12,878	192	28	54	1 35	63	
Jefferson.....	434,102	17	5,797	1 00		5,797	42,856	17	400	60	240	14
Jefferson.....	18,641	70	13,049	1 00		13,049	1,560	40	624	75	468	20
Lawrence.....	19,648	40	7,859	1 00		7,859	11,169	35	2,792	1 00	2,792	14
Madison.....	131,043	45	58,969	83		48,944	3,683	25	2,792	1 00	2,792	20
Marion.....	81,144	15	12,277	1 00		12,277	1,840	35	1,290	2 00	2,580	12
Massac.....	42,915	22	3,441	92		3,441	135	5	91	1 50	136	21
Monroe.....	17,070	23	4,267	95		4,267	120	19	23	1 00	23	
Perry.....	439,610	42	16,636	97		16,157	4610	25	152	1 00	152	68
Pulaski.....	13,870	40	5,578	85		4,776		19	23	1 00	23	
Randolph.....	94,042	27	25,391	87		22,090	1,734	5	87	* 1 10	96	63
Richland.....	84,978	27	22,914	93		2,338	1,230	12	148	1 10	163	64
Saline.....	26,342	47	12,381	83		10,276	1,275	13	243	1 15	337	159
St. Clair.....	162,221	26	42,177	1 00		42,177	7,510	13	104	1 35	140	4,834
Union.....	102,047	46	46,942	85		39,901	7,510	31	2,328	1 35	3,143	137
Wabash.....	16,500	80	13,200	75		9,900	450	* 17	8	1 00	8	
Washington.....	186,153	35	65,153	1 00		65,153	429	5	214	1 25	267	125
Wayne.....	454,245	18	9,794	87		8,405	4,843	7	1,290	1 10	1,419	244
White.....	27,395	37	10,136	65		6,791	182	47	85	87	74	
Williamson.....	41,359	50	20,679	65		13,441	1,685	33	556	95	528	
Total or average.....	1,779,685	35	631,880	\$ 0 85	\$546,988		97,351	2,214	144	\$ 1 20	\$5,421	
							17,125	38	6,513	\$ 1 20	\$7,794	

* Estimated same as in 1889.

* Estimated.

GRAPES, WINE, AND STRAWBERRIES.

	GRAPES.					WINE.				STRAWBERRIES.			
	Pounds pro-duced in 1889.	Pounds pro-duced in 1890.	Price per pound.	Value of pro-duct.	Gallons pro-duced in 1889.	Gallons pro-duced in 1890.	Gallons pro-duced in 1890, compared with 1889.	Gallons pro-duced in 1890, compared with 1889.	Price per gallon.	Value of pro-duct.	Value of 1889 crop returned by asrs.	Value of 1890 crop compared with 1889.	Value of 1890 crop.
Boone.....	469	100	80	05	823	8,759	89	7,971	\$1 00	\$7,971	\$1 800	95	\$1,710
Bureau.....	32,052	95	03	49	913	8,759	89	7,971	\$1 00	\$7,971	\$1 800	95	\$1,710
Carroll.....	11,440	100	03	49	572	802	91	730	\$1 00	730	883	87	1,388
Cook.....	28,135	75	04	44	844	1,499	100	1,499	1 00	1,499	883	87	1,768
DeKalb.....	19,820	100	04	04	32	590	89	597	1 00	597	115	85	98
DuPage.....	740	105	04	04	824	200	89	182	1 00	182	180	100	180
Grundy.....	18,129	102	03	55	555	345	89	315	1 20	414	737	85	677
Henderson.....	14,175	10	03	42	425	225	100	225	1 00	225	249	95	236
Jroquois.....	44,450	85	05	05	1,889	3,616	89	3,290	1 00	3,290	592	80	474
JoDavies.....	1,750	105	07	13	131	700	89	637	1 00	637	575	97	558
Kane.....	26,115	97	04	04	1,013	151	89	91	1 00	91	426	72	307
Kankakee.....	2,500	108	04	15	354	765	89	675	1 00	675	449	102	449
Kendall.....	9,825	90	04	38	880	640	89	582	1 00	582	2,792	80	2,334
Knox.....	77,530	87	03	24	2,024	460	89	419	1 00	419	382	75	234
LaSalle.....	35,330	83	03	88	686	616	100	616	1 00	616	1,000	80	800
Lee.....	18,090	77	05	05	1,438	40	89	36	1 00	36	650	115	747
Livingston.....	35,947	100	04	04	79	40	100	769	1 00	769	1,436	95	1,364
Marshall.....	2,940	90	03	73	56	845	89	56	1 00	56	340	55	187
McHenry.....	1,450	77	05	56	1,312	50	89	45	1 00	45	811	86	697
Mercer.....	44,915	73	04	03	279	1,409	100	1,409	1 00	1,409	4,570	87	3,976
Ogle.....	10,352	90	03	03	583	370	89	337	1 00	337	841	87	732
Peoria.....	10,610	110	05	16	16	984	50	492	1 00	492	1,101	61	672
Putnam.....	400	100	04	04	3,578	340	89	309	1 00	309	3,239	100	3,239
Rock Island.....	118,595	100	03	03	138	6	100	6	1 00	6	677	92	623
Stark.....	2,420	95	06	06	248	160	100	160	90	144	181	110	189
Stephenson.....	8,165	76	04	04	540	1,380	105	1,276	1 00	1,276	25,601	88	22,590
Warren.....	17,985	75	04	04	1,380	228	90	22,190	1 00	22,190	\$25,601	88	22,590
Whiteside.....	33,240	100	04	04	228	24,708	90	22,190	1 00	22,190	\$25,601	88	22,590
Will.....	8,029	105	04	04	228	24,708	90	22,190	1 00	22,190	\$25,601	88	22,590
Winnebago.....	8,430	94	03	03	228	24,708	90	22,190	1 00	22,190	\$25,601	88	22,590
Woodford.....	8,430	94	03	03	228	24,708	90	22,190	1 00	22,190	\$25,601	88	22,590
Total or average.....	645,683	91	04	04	\$21,507	24,708	90	22,190	1 00	\$22,243	\$25,601	88	22,590

NORTHERN DIVISION.

GRAPES, WINE, AND STRAWBERRIES—Continued.

CENTRAL DIVISION.	GRAPES.				WINE.				STRAWBERRIES.				
	Pounds pro-duced in 1890.	Pounds pro-duced in 1889.	Price per pound.	Value of pro-duct.	Gallons pro-duced in 1889.	Assessors' re-turns.	Gallons pro-duced in 1890.	Gallons pro-duced in 1889.	Price per gallon.	Value of pro-duct.	Value of 1889 crop return-ed by As'ss.	Value of 1890 crop com-pared with 1890.	Value of 1890 crop.
Adams	15,320	73	11,184	\$447	285	17	91	259	\$1 20	\$311	\$362	112	\$40
Brown	4,121	100	4,121	124	17		91	15	1 20	18			
Calhoun	1,682	94	1,581	47	243		91	221	*1 20	265	900	*89	801
Cass	21,650	98	21,217	636	395		100	395	*1 20	474	5	92	5
Champaign	13,699	96	13,151	394	60		60	36	80	23	515	55	283
Christian	20,643	72	14,834	445	425		100	425	*1 20	510	300	100	300
Clark	15,415	85	13,103	445	425		100	425	*1 20	510	75	73	55
Coles	3,630	80	2,904	524									
Cumberland	6,950	120	8,340	334									
Dewitt	1,100	102	1,122	34	1		91	1	*1 20	1			
Douglas	4,726	90	4,253	34	300		91	273	*1 20	328			
Edgar	17,210	95	16,349	170	110		91	100	*1 20	120			
Fulton	6,035	101	6,095	654	3,740		140	5,236	60	3,142	696	*89	619
Greene	35,655	126	44,925	898	33		91	30	*1 20	605	51,312	117	60,085
Hancock	50	75	375	11	665		91	605	*1 00	605	450	75	337
Jersey	1,000	73	730	22	1,279		91	1,279	*1 20	152	60	75	45
Logan	3,930	80	3,144	125	140		91	127	*1 20	152	60	75	45
Macon	3,608	93	3,355	67	60		91	55	*1 20	66	900	75	675
Macoupin	11,970	77	9,217	399	380		75	285	*1 20	499	200	73	146
Mason	6,797	62	4,214	168	25		91	23	*1 20	28	2,500	88	2,240
McDonough	14,945	92	13,749	412	10		100	100	*1 20	120	1,853	100	1,553
McLean	2,325	92	2,139	64	1,300		91	1,183	1 00	1,183	2,475	100	2,475
Menard	550	105	577	11	40		91	36	*1 20	43			
Montgomery	4,940	100	4,940	247	220		91	200	*1 20	240	111	92	102
Morgan	6,217	110	6,839	203	190		91	173	*1 20	208	2,467	100	2,467
Moultrie	10,295	100	10,295	206									
Pike	1,055	100	1,055	32									
Sangamon	1,055	100	1,055	32									
Schuyler	2,425	72	2,425	72									
Scott	2,425	105	2,546	76									
Shelby	13,007	97	12,617	505	920		54	497	1 00	497	478	80	382
Tazewell	11,799	105	12,389	495							2,097	95	1,992
Vermilion	264,359	95	252,565	\$8,061	10,928		106	11,554	\$0 90	\$10 410	346	108	374
Total or average											\$68,102	111	\$75,551

GRAPES, WINE, AND STRAWBERRIES—Continued.

SOUTHERN DIVISION.	GRAPES.				WINE.				STRAWBERRIES.			
	Gallons pro- duced in 1889. with 1889.	Gallons pro- duced in 1890.	Price per pailon.	Value of pro- duct.	Gallons pro- duced in 1889.	Gallons pro- duced in 1890. compared with 1889.	Gallons pro- duced in 1890.	Price per pailon.	Value of pro- duct.	Value of 1889 crop return- ed by Asrs.	Value of 1890 crop com- pared with 1889.	Value of 1890 crop.
Alexander.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Bond.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Clay.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Crawford.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Edwards.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Effingham.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Fayette.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Franklin.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Gallatin.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Hamilton.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Hardin.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Jackson.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Jasper.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Jefferson.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Johnson.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Lawrence.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Madison.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Marion.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Massac.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Monroe.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Perry.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Pope.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Pulaski.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Randolph.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Richland.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Saline.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
St. Clair.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Union.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Wabash.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Washington.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Wayne.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
White.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Williamson.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1
Total or average.....	160	100	\$0 03	\$5	40	74	30	\$1 05	\$31	\$2	40	\$1

*Estimated.

*Estimated same as 1889.

WATERMELONS, OTHER FRUITS, AND OTHER CROPS.

NORTHERN DIVISION.	WATERMELONS.		OTHER FRUITS AND BERRIES.			OTHER CROPS.	
	Value of 1889 crop returned by Assessors	Value of crop of 1890 compared with 1889	Value of 1890 crop returned by Assessors	Value of crop of 1890 compared with 1889	Value of 1889 crop returned by Assessors	Value of crop of 1890 compared with 1889	Value of 1890 crop.
Boone.....	.....	.....	\$200	83	\$166	100	\$2,375
Bureau.....	\$35	*88	1,460	*75	1,095	*83	2,274
Carroll.....	1,350	90	190	95	135	*75	101
Cook.....	.....	.....	800	25	200	100	76,475
DeKalb.....	100	*88	.....	.....	.....	.....	.....
DuPage.....	.....	.....	30	*60	18	150	2,193
Grundy.....	.....	.....	1,900	*87	1,653	*77	1,925
Henderson.....	690	90	1,905	*110	2,093	.....	.....
Henry.....	.....	.....	2,507	62	1,554	90	801
Iroquois.....	100	95	374	103	393	100	200
JoDavies.....	815	100	2,286	33	754	*87	283
Kane.....	.....	.....	1,000	68	680	75	1,372
Kankakee.....	2,494	100	496	90	416	75	911
Kendall.....	.....	.....	.....	.....	.....	.....	.....
Knox.....	.....	.....	1,455	82	1,193	.....	.....
Lake.....	.....	.....	1,000	65	650	110	3,692
LaSalle.....	150	100	1,095	83	577	78	100
Lee.....	50	110	2,373	83	1,970	100	343
Livingston.....	155	95	.....	.....	.....	80	536
Marshall.....	500	90	1,980	70	966	95	2,635
McHenry.....	.....	.....	600	85	510	85	212
Mercer.....	1,146	100	2,243	90	2,019	.....	.....
Ogle.....	.....	.....	.....	.....	.....	100	829
Peoria.....	1,430	75	1,285	85	1,092	95	75
Putnam.....	180	57	.....	.....	.....	80	709
Rock Island.....	990	100	6,964	87	6,059	.....	.....
Stark.....	.....	.....	.....	.....	.....	.....	.....
Stephenson.....	100	*88	1,057	55	581	100	158
Warren.....	20	100	1,411	90	1,270	50	43
Whiteside.....	270	*88	2,644	75	1,983	50	792
Will.....	.....	.....	3,375	87	2,936	75	3,011
Winnebago.....	1,050	47	630	48	312	60	3,805
Woodford.....	2,990	72	427	79	332	73	40
Total or average.....	\$14,615	85	\$40,700	78	\$31,599	95	\$105,809

WATERMELONS, OTHER FRUITS, AND OTHER CROPS—Continued.

CENTRAL DIVISION.	WATERMELONS.		OTHER FRUITS AND BERRIES.		OTHER CROPS.	
	Value of 1889 crop returned by Assessors.	Value of 1890 compared with 1889.	Value of 1889 crop returned by Assessors.	Value of 1890 compared with 1889.	Value of 1889 crop returned by Assessors.	Value of 1890 compared with 1889.
Adams.....	\$25	100	\$2,955	93	\$2,748	.....
Brown.....	.....	.....	479	90	431	.....
Calhoun.....	1,355	130	705	*94	663	*86
Cass.....	.....	.....	340	90	306	.....
Champaign.....	.....	.....	1,722	65	1,119	.....
Christian.....	222	*95	350	100	330	508
Clark.....	208	83	6	67	4	400
Coles.....	.....	.....	.....	.....	.....	.....
Cumberland.....	.....	.....	.....	.....	.....	.....
DeWitt.....	.....	.....	.....	.....	.....	.....
Douglas.....	.....	.....	800	97	776	50
Edgar.....	.....	.....	.....	.....	462	231
Ford.....	.....	.....	5,360	75	4,020	75
Fulton.....	.....	.....	1,364	*113	1,541	79
Greene.....	.....	.....	2,867	102	2,414	229
Hancock.....	12	*95	830	100	1,620	1,383
Jersey.....	250	75	1,500	80	.....	.....
Logan.....	275	80	220	92	1,200	28
Macon.....	.....	.....	210	93	193	425
Macoupin.....	1,928	100	270	90	425	425
Mason.....	.....	.....	3,078	100	7,660	86
McDonough.....	300	75	1,387	75	1,040	.....
McLean.....	625	100	2,809	83	2,331	3,900
Menard.....	163	100	8,225	89	6,580	.....
Montgomery.....	.....	.....	656	80	5,200	.....
Morgan.....	.....	.....	.....	.....	.....	.....
Moultrie.....	45	100	.....	.....	.....	.....
Piatt.....	.....	.....	.....	.....	.....	.....
Pike.....	378	100	2,455	150	3,682	665
Sangamon.....	190	100	3,489	100	3,489	100
Schuyler.....	.....	.....	784	100	784	90
Scott.....	105	87	264	85	224	86
Shelby.....	1,281	102	3,252	59	1,919	.....
Tazewell.....	.....	.....	1,160	110	1,276	100
Vermilion.....	.....	.....	.....	.....	1,016	1,016
Total or average.....	\$7,362	102	\$46,797	89	\$41,746	\$4
					\$18,706	\$15,729

CROP REPORT.

WATERMELONS, OTHER FRUITS, AND OTHER CROPS—Continued.

SOUTHERN DIVISION.	WATERMELONS.			OTHER FRUITS AND BERRIES.			OTHER CROPS.		
	Value of 1889 crop returned by Assessors	Value of 1890 crop compared with 1889.	Value of 1890 crop.	Value of 1889 crop returned by Assessors.	Value of 1890 crop compared with 1889.	Value of 1890 crop.	Value of 1889 crop returned by Assessors	Value of 1890 crop compared with 1889.	Value of 1890 crop.
Alexander.....	88	80	86	.....	76	.....	\$10	*85	\$8
Bond.....	10	75	7	\$21	100	\$16	.....	.....	.....
Clay.....	627	98	614	350	42	350	.....	.....	.....
Crawford.....	50	*98	49	+1,877	57	788	.....	.....	.....
Edwards.....	15	*98	15	10	6	6	75	100	75
Efingham.....	88	115	101	.....	.....	.....	37	100	37
Fayette.....	100	75	75	.....	.....	.....	13	*85	11
Franklin.....	65	*98	64	30	80	24	98	80	78
Gallatin.....	5	62	3	16,267	75	4,700	.....	.....	.....
Hamilton.....	15	100	13	+946	100	346	36	75	27
Hardin.....	15	110	13	30	25	50	+330	100	330
Jackson.....	2,515	100	2,766	.....	.....	.....	.....	.....	.....
Jasper.....	8,225	100	8,225	5,670	42	2,381	4	*85	3
Jefferson.....	80	100	297	.....	50	148	550	95	522
Lawrence.....	20	110	22	.....	.....	.....	.....	.....	.....
Madison.....	29	99	29	.....	.....	.....	.....	.....	.....
Marion.....	29	99	29	443	100	43	.....	.....	.....
Massac.....	130	110	143	1,580	97	1,533	.....	.....	.....
Monroe.....	.....	.....	.....	924	80	730	450	50	225
Perry.....	.....	.....	.....	2,683	73	1,886	2,250	80	1,800
Pope.....	.....	.....	.....	.....	45	748	.....	75	6,276
Pulaski.....	.....	.....	.....	1,663	67	8,664	8,368	90	3,190
Randolph.....	.....	.....	.....	12,932	90	56	3,222	*85	144
Richland.....	.....	.....	.....	40	103	41	470	.....	.....
Saline.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Clair.....	650	106	689	.....	90	198	.....	.....	.....
Union.....	55	100	55	.....	.....	.....	.....	.....	.....
Wabash.....	471	73	56	.....	.....	.....	.....	.....	.....
Washington.....	433	115	498	.....	.....	.....	.....	.....	.....
Wayne.....	110	137	151	220	90	198	.....	.....	.....
White.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Williamson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total or average.....	\$13,397	103	\$13,603	\$34,973	65	\$22,704	\$15,613	81	\$12,736

*Estimated.

†Estimated same as in 1889.

DAIRY PRODUCTS.

NORTHERN DIVISION.	BUTTER.				CHEESE.					
	Pounds sold in 1889. Assessors' returns.	Pounds sold in 1890 compared with 1889.	Pounds sold in 1890.	Price per pound.	Value of product.	Pounds sold in 1889. Assessors' returns.	Pounds sold in 1890 compared with 1889.	Pounds sold in 1890.	Price per pound.	Value of product.
Boone	319,595	105	335,575	\$ 0 28	\$83,961	148,583	110	163,441	\$ 0 12	\$19,613
Bureau	446,020	80	356,816	20	71,363	10,800	*92	9,636	16	1,590
Carroll	472,700	100	472,700	20	94,540	10,200	90	9,180	11	1,290
Cook	534,522	106	566,593	25	141,648	200	100	4,233	*12	508
DeKalb	1,039,850	100	1,039,850	27	280,759	4,233	100	165,650	12	19,878
DuPage	374,423	105	393,144	29	114,012	165,650	100	339	*12	48
Grundy	240,990	*99	238,580	*21	50,102	420	*95			
Henderson	55,472	90	49,925	18	8,986					
Henry	378,075	93	351,610	18	63,290	148,934	97	144,466	15	21,670
Iroquois	1,024,045	97	993,324	19	188,731	600			*13	78
JoDavies	646,948	*93	601,662	14	84,233	4,830	*96	4,637	11	510
Kane	246,037	105	258,339	27	69,751	75,360	92	69,331	11	7,626
Kankakee	525,941	100	525,941	22	115,707	6,400	90	5,760	12	69
Kendall	343,294	100	343,294	25	85,823	1,370	100	1,370	12	164
Knox	346,092	95	328,787	20	65,757	48,271	87	41,996	14	5,879
Lake	767,477	100	767,477	28	214,893	8,200	100	8,200	15	656
LaSalle	595,906	96	572,070	21	120,135	6,100	102	6,222	15	933
Lee	406,360	101	410,424	20	82,085	35,900	77	27,943	12	3,317
Livingston	562,411	100	562,411	15	84,362	2,730	85	2,320	11	255
Marshall	128,974	92	118,656	17	20,171	81,059	88	71,332	12	8,509
McHenry	1,510,723	102	1,540,937	27	416,053	448,100	97	434,657	11	47,812
Mercer	965,704	75	229,278	15	34,392	250	75	187	22	22
Ogle	625,910	97	607,133	20	121,427	860	100	363,490	12	22,103
Peoria	246,232	97	238,845	19	45,380	363,490	100		12	43,619
Putnam	76,065	103	78,347	18	14,102					
Rock Island	416,017	92	382,736	22	84,202	4,335	97	4,205	10	420
Stark	86,565	99	85,699	15	12,855	7,025	100	7,025	11	173
Stephenson	489,640	87	425,987	18	76,678	8,470	100	8,470	11	932
Warren	130,052	86	111,845	16	17,895					
Whiteside	890,305	103	917,014	20	183,403	1,601	75	1,201	11	132
Will	782,270	100	782,270	21	164,277	300	100	300	10	30
Winnebago	702,729	93	653,538	21	137,243	6,300	95	5,985	13	778
Woodford	141,550	97	137,303	15	20,595	7,450	84	6,258	12	551
Total or average	15,858,894	98	15,478,110	\$ 0 22	\$3,378,811	1,597,821	98	1,560,37	\$ 0 12	\$187,868

DAIRY PRODUCTS—Continued.

CENTRAL DIVISION.	BUTTER.				CHEESE.				
	Pounds sold in 1889. Assessors' returns.	Pounds sold in 1890 compared with 1889.	Price per pound.	Value of product.	Pounds sold in 1889. Assessors' returns.	Pounds sold in 1890 compared with 1889.	Price per pound.	Value of product.	
Adams.....	184,961	110	203,457	\$ 0 17	\$34,588	1,500	100	1,500	\$180
Brown.....	21,240	95	20,178	14	2,825	.....	.....	.....	.....
Calhoun.....	22,275	75	16,706	13	2,172	.....	.....	.....	.....
Cass.....	36,585	*93	34,024	15	5,104	3,038	*103	3,129	*14
Champaign.....	224,958	100	224,958	19	42,742	700	100	700	98
Christian.....	95,406	77	73,463	16	11,754	4,590	100	4,590	597
Clark.....	66,880	95	63,536	11	6,989	.....	.....	.....	.....
Coles.....	67,545	92	62,141	14	8,700	.....	.....	.....	.....
Cumberland.....	2,426	90	2,183	12	262	.....	.....	.....	.....
Dewitt.....	73,507	100	73,507	18	13,231	1,264	*103	1,302	.....
Douglas.....	38,488	100	38,488	18	6,928	1,700	*103	1,751	182
Edgar.....	956,663	102	975,796	13	126,853	.....	.....	.....	210
Ford.....	97,040	100	97,040	17	16,497	.....	.....	.....	.....
Fulton.....	268,112	98	262,750	16	42,040	.....	.....	.....	.....
Greene.....	38,440	*94	36,134	17	6,143	.....	.....	.....	.....
Hancock.....	237,417	97	230,294	19	43,756	.....	.....	.....	.....
Jersey.....	78,921	100	78,921	15	11,838	300	*103	309	46
Logan.....	113,264	97	109,866	18	19,776	.....	.....	.....	.....
Macon.....	79,868	83	66,290	20	13,258	.....	.....	.....	.....
Macoupin.....	98,401	100	98,401	18	17,712	190	125	237	28
Mason.....	63,136	100	63,136	17	10,733	100	*103	103	17
McDonough.....	62,954	100	62,954	15	9,443	75	100	75	13
McLean.....	341,344	100	341,364	20	68,273	2,765	100	2,765	387
Menard.....	83,719	95	83,719	17	14,232	1,255	*103	1,255	19
Montgomery.....	109,035	100	109,035	11	11,994	380	100	380	53
Morgan.....	30,715	100	30,715	17	5,221	2,200	*103	2,206	15
Moultrie.....	17,027	100	17,027	17	2,891	482	100	482	77
Piatt.....	12,302	100	12,302	08	984	500	100	500	35
Pike.....	92,851	100	92,851	12	11,142	7,920	*103	8,158	1,142
Sangamon.....	141,293	100	141,293	21	29,659	3,000	*103	3,090	433
Schuyler.....	126,308	80	101,046	15	15,157	.....	.....	.....	.....
Scott.....	4,864	90	4,378	15	657	.....	.....	.....	.....
Shelby.....	43,063	102	43,924	12	5,271	.....	.....	.....	.....
Tazewell.....	240,379	99	237,975	19	45,215	16,060	95	15,257	1,831
Vermilion.....	129,315	105	135,761	14	19,009	650	110	715	1,107
Total or average.....	4,305,068	99	4,245,573	\$ 0 16	\$683,052	47,539	100	47,438	\$6,233

DAIRY PRODUCTS—Continued.

SOUTHERN DIVISION.	BUTTER.				CHEESE.					
	Pounds sold in 1889. Assessors' returns.	Pounds sold in 1890 compared with 1889.	Pounds sold in 1890.	Price per pound.	Value of product.	Pounds sold in 1890 compared with 1889.	Pounds sold in 1890	Price per pounds.	Value of product.	
Alexander.....	1,185	82	972	\$ 0 15	\$146	315	*98	309	*0 12	\$37
Bond.....	36,743	95	34,906	14	4,887	100	100	100	*12	12
Clay.....	57,626	100	57,626	10	5,763	424	100	424	10	42
Clinton.....	31,934	92	29,379	14	4,113	730	93	679	15	102
Crawford.....	47,414	103	48,836	12	5,860	+225	87	196	12	23
Edwards.....	24,194	95	22,984	11	3,700	10	104	10	08	1
Effingham.....	31,147	108	33,639	11	341	.....	.....	.....	.....	.....
Fayette.....	4,426	70	3,098	11	1,032	.....	.....	.....	.....	.....
Franklin.....	6,146	105	6,453	16	1,949	15	*98	15	*12	2
Gallatin.....	5,585	100	5,585	17	669	20	100	20	20	4
Hamilton.....	4,458	100	4,458	15	695	.....	.....	.....	.....	.....
Hardin.....	4,633	100	4,633	15	.....	.....	.....	.....	.....	.....
Jackson.....	46,120	100	46,120	20	9,224	100	*98	98	08	8
Jasper.....	41,135	100	41,135	12	4,936	.....	.....	.....	.....	.....
Jefferson.....	106,120	95	100,814	16	16,130	.....	.....	.....	.....	.....
Johnson.....	4,945	*100	4,945	15	742	.....	.....	.....	.....	.....
Lawrence.....	18,509	100	18,509	08	1,481	33,990	95	32,290	10	3,229
Madison.....	159,255	94	149,700	17	25,449	.....	.....	.....	.....	.....
Marion.....	25,731	95	24,444	15	3,667	.....	.....	.....	.....	.....
Massac.....	38,226	10	38,226	15	5,734	.....	*98	1,960	10	196
Monroe.....	70,772	50	35,386	15	5,308	625	100	625	12	75
Perry.....	10,491	96	10,071	18	1,813	430	*98	29	*12	3
Pope.....	14,209	103	14,635	12	1,756	.....	.....	.....	.....	.....
Pulaski.....	21,030	100	21,030	20	4,206	.....	.....	.....	.....	.....
Randolph.....	51,395	102	52,423	19	5,961	2,380	100	2,380	10	238
Richland.....	62,502	95	59,377	10	5,938	8,095	105	8,500	09	765
Saline.....	29,632	100	29,632	12	3,556	.....	.....	.....	.....	.....
St. Clair.....	36,714	92	33,297	23	77,808	39,949	100	39,949	15	5,992
Union.....	27,704	*97	26,873	15	5,106	7,812	*98	7,656	15	1,148
Wabash.....	25,236	*97	24,479	15	3,672	.....	.....	.....	.....	.....
Washington.....	56,841	80	45,473	19	8,640	1,010	90	909	12	109
Wayne.....	134,737	*97	33,695	11	3,706	450	*98	49	15	1
White.....	19,555	100	19,555	14	2,738	200	*98	196	*12	23
Williamson.....	7,185	110	7,185	16	1,151	350	100	350	15	52
Total or average.....	1,494,545	93	1,391,583	\$ 0 17	\$233,404	98,430	98	98,744	\$ 0 12	\$12,068

*Estimated same as in 1889.

*Estimated.

DAIRY PRODUCTS.

	MILK.				CREAM.			
	Gallons sold in 1889, Assessors' returns.	Gallons sold in 1890.	Price per Gallon.	Value of product.	Gallons sold in 1890 compared with 1889.	Gallons sold in 1890.	Price per Gallon.	Value of product.
Boone.....	3,171,235	3,393,221	*\$0.15	\$508,983	90	22,900	*\$0.54	\$11,129
Bureau.....	62,490	68,739	*15	10,311	90	35,028	*54	17,023
Carroll.....	149,729	104,702	110	16,470	72	135,082	*54	60,296
Cook.....	9,987,201	10,486,561	13	1,365,253	100	2,680	50	1,340
DeKalb.....	4,489,203	5,611,504	*15	841,726	105	3,000	*54	1,701
DuPage.....	9,499,285	10,164,235	12	1,219,708	100	23,790	50	14,274
Grundy.....	51,900	51,900	*15	7,785	93	40,019	*54	20,068
Henderson.....	188,245	188,245	17	32,002	200	200	*54	119
Henry.....	68,285	63,634	*15	9,545	97	73,835	45	32,229
Iroquois.....	11,785	12,021	*15	1,803	96	90,738	50	43,554
Jo Daviess.....	15,773,720	20,087,880	20	4,017,576	*102	42,311	68	28,771
Kane.....	442,045	428,784	12	51,454	17	2,160	80	1,330
Kankakee.....	1,101,248	1,101,248	11	121,131	100	35,340	62	21,911
Kendall.....	166,012	1,106,012	20	33,302	100	3,240	*54	16,870
Knox.....	4,512,880	4,648,266	10	46,827	102	12,735	80	10,188
Lake.....	359,293	370,772	24	88,817	91	31,611	40	11,506
LaSalle.....	357,676	411,337	20	82,265	98	45,772	55	24,671
Lee.....	83,385	83,385	*15	16,677	100	222,805	50	111,402
Livingston.....	100,276	93,735	20	14,066	73	47,824	40	14,347
Marshall.....	12,381,830	12,629,947	10	1,262,947	90	70	*54	34
McHenry.....	9,180	9,180	15	1,377	100	3,700	37	1,368
Merced.....	132,240	132,240	10	13,224	95	60,635	*54	32,743
Ogle.....	332,257	332,257	*15	49,838	42	297,471	*54	144,306
Peoria.....	229,310	194,913	17	33,135	94	2,630	54	1,487
Putnam.....	28,343	28,343	20	5,669	87	37,302	50	16,226
Rock Island.....	1,680,245	1,596,233	*15	239,435	97	30,475	40	190
Stark.....	24,875	20,640	25	4,129	50	68,363	85	58,134
Stephenson.....	44,627	44,627	10	4,463	76	11,505	50	4,406
Warren.....	2,148,341	2,148,341	12	257,801	102	315,403	30	94,621
Whiteside.....	2,034,411	2,034,411	16	323,505	105	41,273	35	14,445
Winnebago.....	8,620	9,223	18	1,666	95	63,651	65	41,373
Woodford.....	72,638,172	76,775,352	\$0.14	\$11,100,784	102	8,467	*54	4,939
Total or average.....					91	1,891,621	\$0.50	\$857,032

DAIRY PRODUCTS—Continued.

CENTRAL DIVISION.	MILK.			CREAM.			
	Gallons old in 1889, Assessors' returns.	Gallons sold in 1890	Price per gallon.	Value of product.	Gallons sold in 1890 com- pared with 1889.	Gallons sold in 1890. Price per gallon.	Value of product.
Adams.....	63,990	*111	\$0.20	\$14,206	2,900	*94	\$1,390
Brown.....	1,188	155	07	129	5,793	105	3,102
Calhoun.....	200	90	19	34	72	90	22
Cass.....	25,550	*109	*17	4,734	1,050	*95	508
Champaign.....	29,610	100	20	4,122	16,879	100	8,608
Christian.....	29,841	87	25	6,490	120	100	61
Clark.....	750	*95	15	6,107	100	90	46
Coles.....	11,450	90	*17	1,752	1,015	*51	528
Cumberland.....	10,984	*85	20	1,867	750	*98	875
DeWitt.....	38,755	*98	*17	6,457	31,143	*99	15,124
Douglas.....	20,536	*95	*17	3,320	25,167	75	15,100
Edgar.....	29,734	73	20	4,341	8,330	*97	160
Fulton.....	9,090	*98	15	1,336	8,288	97	5,225
Greene.....	74,318	97	20	14,418	7,660	100	3,064
Hancock.....	97,700	100	10	9,770	5,46	*101	2,813
Jersey.....	86,130	80	20	13,781	7,390	105	3,957
Logan.....	35,950	100	24	8,628	7,379	100	3,765
Macon.....	341,498	100	08	27,326	1,446	105	2,345
Macoupin.....	6,650	*82	20	1,091	16,530	*51	8,430
Mason.....	50	100	17	8	500	*51	255
McDonough.....	445,975	75	*17	56,862	2,957	*51	12,435
McLean.....	19,325	*90	*17	2,392	24,383	100	6,979
Menard.....	28,165	100	*17	4,788	13,940	100	7,79
Montgomery.....	59,850	100	20	11,970	156	*51	2,442
Morgan.....					5,086	*98	1,149
Moultrie.....					12,344	8	5,925
Piatt.....	8,800	*115	*17	1,720	820	85	335
Pike.....	43,175	100	*17	7,340	2,492	*97	1,233
Sangamon.....	7,200	80	05	288	585	105	313
Schuyler.....	1,100	100	20	220			
Scott.....	1,100	100	20	220			
Shelby.....	200	120	*17	41			
Stuebel.....	22,515	97	*17	3,713			
Tazewell.....	17,180	105	20	3,608			
Vermilion.....							
Total or average.....	1,538,479	91	\$0.15	\$213,418	206,076	96	\$105,477

DAIRY PRODUCTS—Continued.

	MILK.				CREAM.			
	Gallons sold in 1889 compared with 1890	Gallons sold in 1890.	Price per gallon.	Value of product.	Gallons sold in 1889 compared with 1890	Gallons sold in 1890.	Price per gallon.	Value of product.
Alexander.....	245,496	92	\$25,856	\$22,586	19,832	17,849	\$0 25	\$4,462
Bond.....	14,955	100	14,955	20	1,060	1,060	*47	498
Clay.....	853,850	94	802,619	14	51,089	49,556	*47	23,291
Crawford.....	425	100	325	20	200	174	70	122
Edwards.....	116,821	102	119,157	08	9,532	975	*47	458
Efingham.....	1,570	100	1,570	14	850	875	25	219
Fayette.....	120	*102	122	*14	5,840	5,081	*47	2,388
Franklin.....	130	*100	130	*14	395	383	*47	180
Gallatin.....								
Hamilton.....								
Hardin.....								
Jackson.....	120,570	100	20,570	20	100	97	*47	45
Jasper.....					4,540	4,540	*47	2,134
Jefferson.....	495	*107	102	*14	100	97	*47	45
Johnson.....					1605	454	*47	213
Lawrence.....	1,100	100	1,100	05				
Madison.....	550,805	103	567,329	17	22,858	22,172	75	16,639
Marion.....	47,199	110	51,919	20	280	308	40	123
Massac.....								
Monroe.....	36,740	100	36,740	12	35	34	*47	16
Perry.....	25,631	106	27,169	12				
Pope.....					1112	109	*47	51
Pulaski.....								
Randolph.....	1,135,046	102	1,57,547	10				
Riehland.....	13,550	100	14,905	*14	100	100	*47	47
Saline.....	1,650	100	1,650	20				
St. Clair.....	437,787	110	481,566	12	19,945	21,939	54	11,847
Union.....	2,452	103	2,525	13	2,082	1,978	60	1,187
Wabash.....								
Washington.....	1,405,508	105	1,475,783	11	29,693	26,724	*47	12,560
Wayne.....	11,565	*105	1,643	08				
White.....	220	*102	224	*14	1,490	1,713	26	48
Williamson.....								
Total or average.....	4,913,185	102	5,005,706	\$0 12	163,181	156,218	\$0 49	\$76,943

* Estimated.

† Estimated same as 1889.

BEEF CATTLE, AND DAIRY COWS.

NORTHERN DIVISION.	BEEF CATTLE.					DAIRY COWS.					
	Number of cattle assessed May, 1890	Number marketed 1890.	Average live weight, pounds.	Total live weight, pounds.	Average value per cwt., live weight.	Total value.	Supply on hand Dec. 1, 1890, compared with 1889	Price per cwt., Dec. 1, 1890, live weight.	Number kept 1890, Assessors' returns	Value per head.	Total value.
Boone.....	20,582	4,734	1,067	5,051,178	* 3 35	\$169,214		87	11,646	827	\$374,444
Bureau.....	52,785	12,140	1,250	15,175,000	3 75	569,062		67	12,843	27	346,761
Carroll.....	30,630	9,115	1,100	10,026,500	3 75	375,904		92	12,043	221	264,946
Cook.....	36,345	8,359	* 1,062	8,877,258	3 60	319,581	* 92	5 25	27,539	29	708,631
DeKalb.....	47,386	10,899	800	8,719,200	2 00	174,384	80	2 50	24,460	35	856,100
DuPage.....	23,878	5,492	1,050	5,766,600	3 00	172,998	95	2 85	19,516	30	585,480
Grundy.....	17,755	4,084	1,200	4,900,800	3 00	147,024	100	3 00	6,062	* 28	157,612
Henderson.....	19,076	4,387	1,250	5,483,750	3 10	169,996	* 81	3 50	6,662	18	11,916
Henry.....	50,622	11,643	1,150	13,389,450	3 15	421,768		3 15	12,456	23	286,488
Iroquois.....	48,162	11,077	1,183	13,104,091	3 25	425,883	87	3 45	17,807	20	357,340
JoDavies.....	48,074	11,057	1,128	12,472,296	2 45	305,571	100	2 40	15,955	25	398,875
Kane.....	47,960	11,031	1,083	11,946,573	3 25	388,264	92	3 35	36,729	26	954,954
Kankakee.....	27,088	6,230	1,100	6,853,000	3 65	250,134	77	3 75	11,541	27	311,607
Kendall.....	18,019	4,144	1,025	4,247,600	3 10	131,676	77	3 40	9,700	27	261,900
Knox.....	51,172	11,769	1,192	14,028,648	3 10	434,888	73	3 50	11,021	28	308,588
Lake.....	25,897	6,186	1,042	6,445,812	3 00	193,374	85	3 50	23,346	26	606,966
LaSalle.....	52,992	12,188	1,144	13,943,072	3 45	481,036	59	3 55	7,820	28	218,960
Lee.....	44,000	10,120	1,000	10,120,000	2 85	288,420	95	3 25	15,870	27	428,480
Livingston.....	46,240	10,635	1,100	11,698,500	2 60	304,161	87	2 50	23,492	21	493,332
Marshall.....	16,765	3,856	1,125	4,338,000	3 00	130,140	83	3 10	3,881	25	97,025
McHenry.....	61,885	14,233	887	12,624,671	2 70	340,806	100	2 75	340,707	29	1,180,503
Mercer.....	41,700	9,591	1,287	12,343,617	3 75	462,886	57	4 10	40,142	22	201,124
Ogle.....	56,851	13,076	1,050	13,729,800	3 00	411,894	80	3 00	85,148	25	878,700
Peoria.....	24,149	5,554	1,100	6,109,400	3 80	232,157	63	2 90	6,807	28	140,508
Putnam.....	7,143	1,643	1,167	1,917,381	3 15	60,397		3 45	2,200	29	65,540
Rock Island.....	28,295	6,508	1,200	7,809,600	3 35	261,622	82	3 65	8,729	25	218,225
Stark.....	15,023	3,455	1,100	3,800,500	3 35	127,317	87	3 35	6,383	35	134,375
Stephenson.....	39,495	8,509	1,058	9,002,522	2 60	234,065	97	2 65	13,493	26	387,525
Warren.....	43,203	9,937	1,175	11,675,975	3 00	432,011	81	3 75	6,375	26	167,750
Whiteside.....	66,412	15,275	1,048	16,542,825	3 70	496,285	82	3 15	19,264	20	385,280
Will.....	3,071	8,066	1,075	8,670,950	3 45	299,148	95	3 95	20,849	27	562,925
Winnebago.....	31,900	7,337	950	6,970,150	3 35	233,500	92	3 65	14,604	25	365,225
Woodford.....	24,969	5,743	1,075	6,173,725	2 70	166,690	87	2 80	6,706	27	181,062
Total or average.....	1,209,024	278,073	1,093	303,958,444	* 3 15	\$9,612,406	84	* 3 30	495,921	* 26	\$12,977,271

BEEF CATTLE, AND DAIRY COWS—Continued.

CENTRAL DIVISION.	BEEF CATTLE.				DAIRY COWS.						
	Number of cattle as- sessed May, 1890.	+Number marked 1890.	Average live weight, pounds.	Total live weight, pounds.	Average value per cwt., live weight.	Total value.	Supply on hand Dec. 1, 1890, compined with 1889.	Price per cwt. Dec. 1, 1890, live weight.	Number kept 1890, Assessors' returns.	Value per head.	Total value.
Adams	26,803	6,165	1,050	6,473,250	\$ 2 95	\$140,961	88	\$ 3 25	8,180	\$ 22	\$179,960
Brown	11,561	2,659	1,125	2,991,375	3 20	95,723	62	3 20	4,053	22	88,506
Calhoun	3,784	870	1,100	957,070	3 00	28,710	70	3 00	1,528	25	38,200
Cass	13,544	3,115	*1,102	3,432,730	3 00	102,982	105	*3 15	2,547	26	66,222
Champaign	40,119	9,227	1,200	11,072,400	3 10	343,244	85	3 20	10,359	27	279,693
Christian	17,853	4,106	1,237	5,079,122	3 65	185,388	56	3 91	3,976	27	107,852
Clark	2,740	2,740	1,000	2,740,000	2 60	71,240	95	2 55	3,700	19	70,319
Coles	10,640	2,447	1,275	3,119,925	4 00	124,797	67	3 60	2,524	22	55,528
Cumberland	10,976	3,962	1,000	2,234,000	2 50	5,600	100	2 50	2,241	20	22,241
DeWitt	17,227	3,357	1,200	4,754,400	3 60	171,158	50	3 50	3,142	25	78,550
Douglas	14,397	3,357	1,275	4,280,175	3 50	149,806	82	3 75	2,738	27	78,926
Edgar	15,054	3,462	1,200	4,154,400	3 35	139,172	92	3 65	3,523	24	84,552
Ford	18,289	4,206	1,325	5,572,950	4 30	239,637	100	4 00	5,406	27	145,362
Fulton	49,145	11,303	1,200	13,563,600	3 30	447,394	95	3 35	11,128	24	261,072
Greene	15,918	3,661	1,325	4,850,825	3 75	181,906	62	3 85	2,104	25	67,600
Hancock	37,069	8,526	1,187	10,120,382	3 25	328,912	85	2 90	7,433	20	148,660
Jersey	12,155	2,796	1,200	3,355,200	3 50	117,432	50	3 50	4,086	30	122,580
Logan	21,198	4,875	1,175	5,728,125	2 90	166,116	68	3 35	5,560	24	133,440
Macon	14,763	3,400	1,200	4,080,000	3 10	126,480	74	3 75	2,895	25	72,375
Macoupin	22,307	5,131	1,137	5,833,947	3 05	177,935	47	3 65	6,625	19	125,875
Mason	10,526	2,421	700	1,694,700	1 75	29,657	70	1 65	2,619	22	57,618
McDonough	11,374	2,616	1,150	3,008,400	3 25	97,773	100	3 10	2,266	27	61,182
McLean	57,860	13,308	1,167	15,520,436	3 15	489,209	90	3 25	12,872	25	321,800
Menard	13,392	8,080	1,225	3,773,000	3 80	143,374	87	3 70	6,382	25	22,750
Montgomery	29,302	6,739	1,187	7,999,193	2 95	235,976	84	2 85	6,382	20	127,240
Morgan	20,742	4,771	1,287	6,140,277	3 85	236,401	67	3 75	2,745	29	81,055
Moultrie	3,757	864	1,000	804,000	3 00	25,920	65	2 75	960	23	27,840
Platt	2,956	680	800	544,000	2 00	10,880	100	*3 30	570	*26	14,820
Pike	25,584	5,884	1,217	7,160,828	3 35	239,888	92	3 25	5,612	23	129,306
Sangamon	23,572	5,421	1,175	6,363,675	3 75	238,863	85	3 65	4,957	26	128,882
Schuyler	24,004	5,521	*1,069	5,901,949	*2 95	174,107	*88	3 00	6,011	15	90,165
Scott	3,115	716	1,300	930,800	3 65	33,974	90	3 50	7,229	20	14,580
Shelby	7,833	1,801	1,067	1,921,667	2 90	45,728	83	3 15	1,970	20	39,400
Tazewell	21,782	5,010	1 212	6,072,120	3 70	224,668	93	3 85	7,227	23	166,221
Vermilion	25,503	5,866	1,225	7,185,850	3 30	237,133	79	3 55	6,355	25	158,875
Total or average	656,236	150,939	1,176	177,480,681	\$ 3 30	\$5,858,349	80	\$ 3 30	154,544	\$24	\$3,652,926

CROP REPORT.

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BEEF CATTLE AND DAIRY COWS—Continued.

SOUTHERN DIVISION.	BEEF CATTLE.					DAIRY COWS.					
	Number of cattle as- sessed May, 1890.	+Number marketed 1890.	Average live weight, pounds.	Total live weight, pounds.	Average value per cwt., live weight.	Total value.	Supply on hand Dec. 1, 1890, compared with 1889	Price per cwt., Dec. 1, 1890, live weight.	Number kept 1890, Assessors' returns.	Value per head.	Total value.
Alexander.....	1,295	298	656	193,700	\$ 1 75	\$3,390	100	* 1 60	212	\$13.	\$2,756
Bond.....	9,655	2,221	933	2,072,193	2 45	61,130	66	3 00	3,583	24.	85,992
Clay.....	10,178	2,341	930	2,106,900	2 85	60,047	88	2 25	3,452	18	62,136
Clinton.....	9,951	2,289	1,033	2,364,537	2 35	55,567	86	2 25	4,412	21	92,652
Crawford.....	†10,554	2,381	1,067	2,540,527	2 65	67,324	95	2 80	3,036	21	63,756
Edwards.....	5,329	1,272	1,301	1,301,256	2 65	34,483	87	3 75	2,154	23	49,542
Efingham.....	7,072	1,626	900	1,463,400	2 35	34,390	98	2 85	3,083	19	58,577
Fayette.....	1,792	412	900	370,800	2 10	7,787	90	2 50	758	18	13,644
Franklin.....	2,980	685	900	616,500	2 50	15,412	90	2 50	951	18	17,118
Gallatin.....	1,601	368	787	239,616	2 10	6,082	84	2 00	427	18	7,686
Hamilton.....	5,853	1,346	850	1,144,100	2 00	22,882	86	1 95	1,365	14	19,152
Hardin.....	2,554	587	925	542,975	2 10	11,402	65	1 75	824	15	12,360
Jackson.....	†6,740	1,550	830	1,240,000	2 30	37,200	100	3 50	†1,998	25	49,950
Jasper.....	8,510	1,957	1,050	2,054,850	2 30	47,261	87	2 50	4,124	19	78,356
Jefferson.....	+10,035	2,308	1,000	2,308,000	2 00	46,160	102	2 10	+2,902	22	63,844
Johnson.....	2,511	577	1,600	346,200	1 50	5,193	110	1 50	715	*17	12,155
Lawrence.....	†11,654	2,680	1,050	2,814,000	2 55	77,385	100	3 00	678	30	20,640
Madison.....	12,316	2,833	1,150	3,257,930	3 00	97,738	100	2 85	7,275	27	196,425
Marion.....	3,789	1,331	1,250	1,663,750	3 00	49,912	80	2 50	1,740	18	31,320
Messac.....	3,794	872	700	610,400	1 75	10,682	100	*1 90	1,352	12	16,254
Monroe.....	4,184	962	950	913,900	3 50	31,986	*88	3 00	2,645	17	44,965
Monroe.....	3,181	313	800	250,400	2 00	5,005	93	2 05	617	20	12,340
Perry.....	†5,142	750	750	887,250	1 75	15,527	95	1 75	†1,670	12	20,040
Pope.....	3,289	756	862	651,672	2 25	14,663	102	2 35	1,241	22	27,368
Pulaski.....	11,601	2,668	800	2,134,400	2 50	53,360	87	2 10	6,089	18	109,602
Randolph.....	8,295	1,908	775	1,478,700	2 00	29,574	87	2 00	2,974	16	47,584
Richland.....	5,608	1,290	767	989,430	1 90	18,799	100	2 10	2,021	14	28,294
Saline.....	11,831	2,721	900	2,448,900	2 50	61,222	90	2 50	8,978	25	92,450
St. Clair.....	6,579	1,513	810	1,225,530	1 85	22,672	91	1 80	1,976	20	30,520
Union.....	†6,030	1,387	900	1,248,300	2 50	31,207	105	2 25	†1,488	20	29,760
Wabash.....	10,441	2,401	867	2,041,667	2 65	55,164	75	2 35	3,491	21	115,311
Washington.....	†14,076	3,237	925	2,994,225	2 00	59,884	127	2 15	†4,663	20	93,260
Wayne.....	9,874	2,271	850	1,930,350	2 45	47,283	94	2 90	2,478	22	54,516
White.....	1,861	428	800	342,400	2 10	7,190	87	2 15	731	21	15,351
Williamson.....											
Total or average.....	230,335	52,972	923	48,878,738	\$ 2 45	\$1,104,976	92	* 2 35	88,119	821	\$1,816,646

†‡3 per cent. of number assessed.

* Estimated.

† Estimated same as in 1889.

HOG PRODUCT.

NORTHERN DIVISION.	Number of hogs assessed May, 1890.	#Number marketed 1890.	Average live weight— pounds.	Total live weight— pounds.	Average value per cwt., live weight.	Total value, live weight.	Supply on hand Dec. 1, 1890, compared with Dec. 1, 1889.	Price per cwt. Dec. 1, 1890, live weight.
Boone	26,543	23,031	210	4,626,510	\$3 45	\$159,614	88	\$3 45
Bureau	102,500	85,075	288	24,501,600	3 50	851,556	96	3 60
Carroll	64,504	53,538	287	15,365,406	3 50	537,789	3 45	3 45
Cook	21,670	17,986	183	3,291,438	3 60	118,492	107	3 90
Dekalb	81,232	67,422	200	13,484,400	3 25	438,243	75	3 35
DuFarge	24,382	20,237	242	4,897,354	3 60	176,305	70	3 40
Grundy	27,613	22,919	220	5,042,180	3 75	189,082	80	3 30
Henderson	38,072	31,600	227	7,173,200	3 45	247,475	45	3 30
Henry	100,550	83,458	235	19,612,160	3 60	706,038	80	3 30
Iroquois	89,971	74,676	217	16,204,692	3 65	591,471	91	3 40
JoDavies	64,879	53,849	281	15,131,569	3 55	537,171	93	3 10
Kane	26,389	21,903	238	5,212,914	3 75	195,484	73	3 30
Kankakee	35,450	29,423	233	6,853,559	3 55	243,362	88	3 45
Kendall	34,442	28,570	243	6,942,510	3 75	260,344	83	3 45
Knox	102,962	85,458	248	21,193,584	3 65	173,866	70	3 45
Lake	19,703	16,353	272	4,448,016	3 65	162,352	87	3 35
LaSalle	115,314	95,711	254	24,310,594	3 85	935,958	87	3 75
Lee	54,032	44,846	208	9,327,968	3 60	335,807	83	3 50
Livingston	100,327	83,271	267	22,233,357	3 35	744,817	55	3 45
Marshall	48,494	40,250	300	12,075,000	3 95	476,962	73	3 65
McHenry	38,790	32,196	230	7,405,080	3 85	285,095	94	3 45
Mercer	97,068	80,566	227	18,288,482	3 65	667,529	59	3 40
Ogle	95,065	79,404	210	16,674,840	4 00	666,994	85	3 40
Peoria	54,504	45,233	267	12,542,553	3 70	446,906	70	3 45
Putnam	15,408	12,789	277	3,542,553	3 90	138,159	81	3 45
Rock Island	53,655	49,514	249	12,338,966	3 70	456,172	82	3 65
Stark	33,422	27,140	257	7,121,180	3 90	278,038	81	3 40
Stephenson	60,897	50,544	225	11,372,400	3 30	373,289	64	3 15
Warren	96,534	80,133	262	20,992,236	3 80	797,704	84	3 40
Whiteside	73,205	65,740	250	16,435,000	3 85	632,747	68	3 45
Will	37,962	31,508	225	7,089,300	3 40	241,036	90	3 65
Winnebago	41,774	34,672	225	7,801,200	3 60	280,843	67	3 60
Woodford	74,671	60,317	244	14,717,348	3 75	551,900	55	3 55
Total or average	1,962,567	1,628,925	244	397,785,152	\$2 65	\$14,506,310	78	\$3 45

HOG PRODUCT—Continued.

CROP REPORT.

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CENTRAL DIVISION.	Number of hogs assessed May, 1890.	#Number marketed 1890.	Average live weight— pounds.	Total live weight— pounds.	Average value per cwt., live weight.	Total value, live weight.	Supply on hand Dec. 1, 1890, compared with Dec. 1, 1889	Price per cwt. Dec. 1, 1890, live weight.
Adams.....	67,575	56,087	223	12,507,401	\$3 70	\$462,774	83	\$3 35
Brown.....	23,886	19,825	232	4,599,400	3 70	170,178	87	3 35
Calhoun.....	11,687	9,700	212	2,056,400	4 20	86,369	90	3 65
Cass.....	30,160	25,032	*227	5,682,491	*3 65	207,411	105	3 50
Champaign.....	39,817	31,188	231	18,534,428	3 60	673,359	83	3 50
Christian.....	43,791	36,346	211	7,669,056	3 60	276,084	97	3 60
Clark.....	19,296	16,016	191	3,059,056	3 55	102,478	85	3 40
Coles.....	27,653	22,952	200	4,590,400	3 10	142,302	90	3 45
Cumberland.....	1,430	1,187	225	267,075	3 75	10,015	110	3 40
DeWitt.....	56,800	47,144	200	9,428,800	3 65	344,151	80	3 40
Douglas.....	33,266	27,611	210	5,798,310	3 55	205,840	100	3 45
Edgar.....	23,857	19,801	208	4,118,608	3 55	146,210	93	3 35
Ford.....	41,544	34,481	231	7,930,630	4 00	3 7 225	85	3 45
Fulton.....	145,949	121,138	239	28,951,982	3 60	1,082,692	71	3 35
Greene.....	27,107	22,499	232	5,219,768	3 50	387,353	85	3 40
Hancock.....	67,407	55,948	212	11,860,916	3 55	261,240	89	3 65
Jersey.....	39,344	32,655	200	6,531,000	4 00	489,672	75	3 30
Logan.....	66,282	55,014	222	12,213,108	3 60	249,708	81	3 35
Macon.....	38,335	31,818	218	6,936,324	3 65	439,369	66	3 35
Macoupin.....	72,880	60,490	199	12,037,510	3 65	148,887	65	3 55
Mason.....	22,458	18,640	225	5,440,500	3 65	198,578	87	3 65
McDonough.....	29,133	24,180	225	5,440,500	3 65	137,099	82	3 30
McLean.....	167,789	139,265	230	32,030,950	3 55	1,112,068	91	3 30
Menard.....	15,675	13,010	236	3,070,360	3 65	217,610	74	3 40
Montgomery.....	43,021	35,707	201	7,177,107	3 45	175,996	92	3 40
Morgan.....	25,369	21,056	229	4,821,824	3 80	55,340	80	3 30
Moultrie.....	8,559	7,104	205	1,456,320	3 35	61,534	100	3 25
Pike.....	11,026	9,151	210	1,921,710	3 35	387,170	83	3 35
Platt.....	54,558	45,283	225	10,188,675	3 60	394,489	87	3 30
Sangamon.....	63,065	52,344	212	11,096,928	*3 55	314,646	100	3 35
Schuyler.....	47,251	39,218	*226	8,863,268	3 65	69,068	62	3 25
Scott.....	8,291	6,881	275	1,892,275	3 30	44,793	87	3 60
Shelby.....	8,986	7,458	182	1,357,356	3 30	390,001	94	3 65
Tazewell.....	47,174	39,154	259	10,140,896	3 55	356,855	81	3 45
Vermilion.....	55,599	46,147	209	9,644,723	3 70			
Total or average.....	1,544,920	1,281,531	221	283,509,555	\$3 60	\$10,236,625	85	\$3 45

HOC PRODUCT--Continued.

Southern Division	Number of bogs assessed May, 1890.	*Number marketed 1890.	Average live weight— pounds.	Total live weight— pounds.	Average value per cwt., live weight.	Total value, live weight.	Supply on hand Dec. 1, 1890, compared with Dec. 1, 1889.	Price per cwt. Dec. 1, 1890, live weight.
Alexander	1,815	1,506	162	243,972	\$3 25	\$7,929	88	\$3 50
Bond	20,055	16,646	222	3,695,412	3 55	131,187	79	3 40
Clay	18,458	15,220	203	3,109,960	3 50	108,849	87	3 10
Clinton	18,288	13,179	214	3,248,336	3 55	115,315	84	3 15
Crawford	+13,398	11,120	193	2,146,160	3 65	78,335	93	3 20
Edwards	11,639	9,660	212	2,047,920	3 55	72,701	83	3 75
Effingham	13,559	11,254	167	1,873,418	3 60	67,659	90	3 50
Payette	3,788	3,144	220	691,650	3 75	25,358	90	3 20
Franklin	5,247	4,355	186	849,225	3 40	28,874	77	3 50
Gallatin	3,497	2,902	159	559,772	3 25	17,542	74	3 10
Hamilton	8,652	7,181	171	1,227,951	3 45	42,364	91	3 20
Hardin	5,259	4,365	210	916,650	3 20	29,333	67	3 10
Jackson	+7,243	6,002	175	1,052,100	4 00	42,084	75	*3 30
Jasper	12,253	10,070	178	1,792,460	3 30	59,151	83	3 40
Jefferson	+11,476	9,525	222	2,114,550	3 45	72,952	95	3 25
Johnson	5,274	4,377	140	612,780	3 25	19,915	80	3 75
Lawrence	3,721	3,088	230	710,240	3 25	23,083	110	3 75
Madison	90,956	75,493	237	17,891,841	3 50	626,214	90	3 20
Marion	1,639	6,340	180	1,141,210	2 75	31,383	75	2 50
Massac	5,945	4,954	150	25,403	3 50	25,403	*84	*3 40
Monroe	12,657	10,505	205	2,153,525	3 60	77,427	89	3 35
Perry	2,060	1,710	195	333,450	3 20	10,770	89	3 55
Pope	+8,798	7,302	212	1,548,024	3 10	47,989	83	3 5
Pulaski	4,187	3,475	165	573,375	3 35	19,208	90	3 75
Randolph	23,277	19,320	170	3,284,400	3 40	111,670	90	3 00
Richland	14,535	12,064	206	2,485,184	3 55	88,224	88	3 15
Saline	11,928	9,900	152	1,504,800	3 20	48,154	65	3 10
St. Clair	30,282	25,092	202	5,068,584	3 80	192,006	122	3 70
Union	15,066	12,055	158	1,975,790	3 15	62,237	94	3 45
Wabash	+13,477	11,186	190	2,125,340	3 50	74,387	97	3 20
Washington	14,209	11,793	200	2,358,600	3 35	79,013	80	3 15
Wayne	+14,960	12,417	200	2,483,400	3 30	81,952	82	3 30
White	21,220	17,613	216	3,080,408	3 40	129,350	69	3 25
Williamson	5,205	4,370	167	3,729,790	3 25	23,718	57	3 15
Total or average	460,633	391,723	202	77,080,367	\$3 45	\$2,673,416	82	\$3 30

*83 per cent. of number assessed.

†Estimated same as 1889.

*Estimated.

WOLL.

NORTHERN DIVISION.												
SHEEP.					WOOL.							
Number of sheep as-sessed May 1, 1890.	# Number marketed 1890.	Average live weight—pounds.	Total live weight—pounds.	Average value per cwt., live weight.	Total value.	Supply on hand Dec. 1, 1890, compared with 1889.	Price per cwt., Dec. 1, 1890.	Number of lbs. shorn in 1889, As-sessors re-turns.	Clip of 1890, compared with 1889.	Number of lbs. shorn in 1890.	Price per pound.	Value of pro-duct.
Boone.....	5,546	1,220	110	134,200	\$3.85	\$5,167	73	\$3.75	28,342	97	27,492	\$8.79
Bureau.....	10,637	2,340	*104	243,360	*3.80	9,245	90	3.00	50,355	100	50,355	*22
Carroll.....	1,835	404	108	43,632	4.30	1,876	110	4.00	7,339	107	7,706	1.66
Cook.....	1,527	336	*96	32,592	5.00	1,630	*90	*4.45	5,491	100	5,491	3.1
DeKalb.....	4,007	880	*96	84,480	\$3.75	3,168	*89	\$3.60	17,833	87	15,097	*22
DuPage.....	2,993	658	95	62,510	4.50	2,913	90	5.50	11,031	102	11,232	28
Grundy.....	4,329	952	*103	98,056	*3.80	3,726	*93	\$3.75	5,405	*102	5,315	*22
Henderson.....	1,340	295	110	32,450	3.00	973	100	3.25	6,293	110	6,922	*22
Henry.....	9,479	2,085	100	208,500	\$3.85	8,079	92	3.90	35,045	102	35,746	22
Iroquois.....	6,715	1,477	*113	166,901	*3.75	6,259	100	*4.10	31,113	104	32,357	20
Jolavies.....	9,305	2,047	115	235,405	4.25	10,003	88	4.00	37,438	110	41,182	*24
Kane.....	6,834	1,503	97	145,791	3.50	5,104	85	3.65	45,152	100	45,152	25
Kankakee.....	4,322	1,632	*108	132,768	4.50	4,622	100	4.75	17,089	101	17,266	23
Kendall.....	7,419	1,632	100	163,200	4.10	6,691	100	4.75	23,757	110	28,393	20
Knox.....	6,874	1,512	100	151,200	5.15	7,87	87	3.60	32,032	103	32,983	29
Lake.....	29,481	6,486	93	603,198	4.00	24,128	87	4.25	121,581	*99	120,365	29
LaSalle.....	10,288	2,263	102	230,826	3.50	8,079	67	3.50	47,272	102	48,217	24
Lee.....	3,502	770	75	57,750	3.00	1,732	100	3.00	14,738	97	14,738	22
Livingston.....	8,308	1,828	100	182,800	3.00	5,484	97	3.10	31,040	99	30,109	22
Marshall.....	5,083	1,118	90	100,620	3.50	3,522	100	4.00	19,841	99	19,642	24
McHenry.....	17,178	3,779	90	340,110	4.15	14,114	100	3.65	93,090	99	93,050	23
Mercer.....	4,088	899	92	82,708	3.75	3,101	95	3.75	18,253	102	18,798	22
Ogle.....	5,201	924	100	92,400	4.00	3,696	94	4.00	22,729	100	22,729	22
Peoria.....	3,516	1,169	114	133,276	\$3.85	5,131	74	3.90	24,410	97	23,678	23
Putnam.....	1,560	343	100	34,300	3.50	1,200	100	3.50	11,202	104	11,650	20
Rock Island.....	2,955	650	90	58,500	4.00	2,340	75	3.50	10,659	102	10,872	23
Stark.....	6,179	1,359	152	206,568	4.30	8,882	100	4.25	30,020	100	30,020	22
Stephenson.....	5,851	1,287	123	158,301	4.15	6,569	87	4.25	21,589	100	21,589	27
Warren.....	4,073	896	90	80,640	4.35	3,308	105	4.25	17,755	103	20,368	21
Whiteside.....	6,155	1,354	95	128,630	4.80	6,174	110	4.65	27,135	100	27,135	25
Will.....	4,860	1,069	110	117,590	4.00	4,704	100	*4.45	15,684	100	15,684	20
Winnebago.....	7,724	1,689	75	127,425	4.00	5,097	100	4.00	42,639	90	37,835	23
Woodford.....	3,815	839	125	104,875	3.65	3,828	85	3.75	14,725	105	15,461	20
Total or average.....	213,772	47,024	100	4,745,492	\$3.95	\$188,383	93	\$3.90	961,897	98	942,675	80
												24
												212

SHEEP AND WOOL—Continued.

SHEEP.										WOOL.				
Number of sheep as- sessed May 1, 1890.	Number marked, 1890.	Average live weight— pounds.	Total live weight— pounds.	Average value per cwt., live weight.	Total value.	Supply on hand Dec. 1, 1890, comp'd with 1889.	Price per cwt live weight, Dec. 1, 1890.	Number of lbs. shorn in 1889, As- sessors' re- turns.	Chp of 1890, comp'd with 1889.	Number of lbs shorn in 1890.	Price per pound.	Value of pro- duct.		
Adams.....	9,785	2,153	92	198,076	\$4 00	88	\$3 85	37,114	100	37,114	\$0 22	\$8 165		
Brown.....	6,897	1,511	99	149,589	4 05	56	3 90	19,498	93	19,193	22	3,980		
Calhoun.....	1,475	324	110	35,640	4 50	80	3 90	5,038	100	5,038	23	1,297		
Cass.....	1,431	315	*111	34,965	*3 80	*82	*3 75	6,008	*100	6,008	*23	1,382		
Champaign.....	10,769	2,356	112	263,872	3 00	100	3 50	42,039	100	42,039	21	8,828		
Christian.....	15,482	3,406	107	364,442	4 05	72	4 10	42,304	95	40,189	23	9,243		
Clark.....	7,674	1,688	100	168,800	3 60	72	3 65	38,017	99	37,657	24	9,033		
Coles.....	4,053	892	89	79,388	4 25	3 374	4 25	21,734	90	19,561	23	4,499		
Cumberland.....	756	166	100	16,600	4 00	664	4 00	1,703	97	1,652	22	363		
DeWitt.....	13,913	3,061	*92	281,612	*3 75	*62	*3 80	53,327	100	53,327	20	10,065		
Douglas.....	7,610	1,674	107	179,118	3 50	84	3 80	32,364	110	35,000	24	8,544		
Edgar.....	7,785	1,715	90	154,350	3 85	97	3 65	29,514	106	31,285	20	6,257		
Ford.....	2,869	631	115	72,565	3 75	100	3 75	12,097	105	12,702	21	2,667		
Fulton.....	21,749	4,785	102	488,070	4 50	57	4 25	90,221	98	88,416	21	18,567		
Greene.....	7,629	1,678	100	167,800	4 00	6 712	4 00	29,680	97	28,790	20	5,758		
Hancock.....	4,738	1,042	*101	105,242	*3 50	*96	*3 45	17,977	100	17,477	*22	3,845		
Jersey.....	3,744	824	80	82,400	4 00	3 286	4 00	11,338	60	6,743	22	1,483		
Logan.....	8,387	1,845	80	147,600	5 00	70	5 25	24,428	*99	24,184	*22	3,380		
Macon.....	2,253	496	122	60,512	4 10	2 481	4 00	55,840	100	55,840	22	2,688		
Macopin.....	12,707	2,809	95	296,855	4 50	12 008	4 00	11,805	99	11,087	22	12,285		
Mason.....	355	80	*102	8,160	*4 25	*347	*3 25	3,679	100	3,679	23	946		
McDonough.....	1,261	277	100	27,700	3 50	969	3 50	119,479	97	116,895	21	24,548		
McLean.....	31,471	6,924	102	706,248	3 90	27,544	100	40,400	105	40,333	24	1,424		
Menard.....	6,861	1,509	110	165,990	4 00	6,640	3 60	46,538	104	48,399	24	11,616		
Montgomery.....	16,789	3,649	98	357,602	4 55	16,271	3 60	40,400	110	44,000	23	10,120		
Morgan.....	7,211	1,586	122	193,492	3 60	6,966	3 60	30,404	83	29,991	25	7,48		
Moultrie.....	901	198	87	17,226	3 25	559	3 50	64,389	112	72,116	22	15,865		
Piatt.....	643	14	63	9,165	2 00	183	2 00	28,022	100	26,022	24	6,245		
Pike.....	14,375	3,162	100	316,200	*1 00	12,904	4 00	16,761	97	15,737	*22	3,462		
Sangamon.....	9,761	2,147	115	246,903	3 50	8,042	*3 75	35,628	97	35,048	21	7,300		
Schuyler.....	940	940	*98	92,120	*3 95	*3,639	3 75	35,628	97	35,048	21	7,300		
Scott.....	4,474	1,044	90	9,360	3 75	351	4 00	64,115	100	64,115	25	16,029		
Shelby.....	5,633	1,239	104	128,856	4 50	5,798	3 75	35,628	97	35,048	21	7,300		
Tazewell.....	20,295	4,458	115	512,670	3 90	19,994	3 75	64,115	100	64,115	25	16,029		
Vermilion.....	17,082	3,758	112	420,896	3 75	15,784	3 75	64,115	100	64,115	25	16,029		
Total or average.....	288,850	63,543	103	6,530,086	\$3 95	\$259,371	\$3 85	1,063,579	100	1,063,579	\$0 22	\$226,691		

CENTRAL DIVISION.

SHEEP AND WOOL—Continued.

CROP REPORT.

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SOUTHERN DIVISION.

Number of sheep assessed May 1, 1890.	# Number marketed 1890.	Average live weight—pounds.	Total live weight—pounds.	Average value per cwt. live weight.	Total value.	Supply of band Dec. 1, 1889, compared with 1889.	Price per cwt. live weight, Dec. 1, 1890.	WOOL.				Value of product.
								Number of lbs. shorn in 1889, as compared with 1889.	Number of lbs. shorn in 1890.	Price per pound.	Number of pounds.	
Alexander	336	74	7,178	\$3.25	\$235	42	\$3.50	440	306	23	306	\$10.82
Bond	10,364	2,280	209,600	3.40	7,344	85	3.65	31,983	38,380	25	38,380	8.82
Clay	6,538	1,438	143,800	3.50	5,033	75	3.65	17,194	16,334	25	16,334	4.083
Clinton	5,548	1,220	124,440	3.10	3,858	78	2.90	22,985	16,549	30	16,549	4.965
Crawford	49,613	2,115	200,925	4.10	8,528	85	3.90	443,703	35,710	23	35,710	8.443
Edwards	6,946	1,528	151,272	4.00	6,051	75	5.15	20,189	20,290	24	20,290	4.870
Effingham	2,371	522	52,200	4.25	2,218	82	4.00	7,982	6,966	26	6,966	1.811
Fayette	976	215	22,575	3.00	903	105	4.00	2,590	2,771	25	2,771	6.693
Franklin	1,039	228	26,676	3.00	800	87	3.10	3,049	2,866	25	2,866	7.16
Gallatin	393	86	10,320	3.00	310	20	3.25	1,292	1,163	32	1,163	3.72
Hamilton	2,854	628	68,452	3.50	2,396	96	3.75	5,363	5,363	28	5,363	1.502
Hardin	1,997	219	24,528	2.50	613	87	2.75	2,008	1,881	31	1,881	5.883
Jackson	410	100	41,000	4.00	1,640	75	3.35	45,135	16,557	23	16,557	1.797
Jasper	4,744	1,044	101,268	3.25	3,291	87	3.35	16,253	11,307	22	11,307	3.808
Jefferson	45,050	1,111	24,435	3.35	3,163	62	3.50	15,076	3,206	34	3,206	1.090
Johnson	1,255	276	24,840	3.50	869	100	3.50	6,709	1,044	25	1,044	5.587
Lawrence	2,213	487	54,544	3.00	1,636	100	3.00	22,347	22,347	25	22,347	2.693
Madison	14,598	3,211	337,155	4.50	15,172	95	4.50	14,362	10,771	25	10,771	5.17
Marion	3,957	796	45,240	3.25	1,470	60	3.50	2,070	2,070	25	2,070	2.203
Massac	1,548	340	17,325	3.50	606	25	3.60	9,462	9,178	28	9,178	4.553
Monroe	569	125	33,320	3.70	1,233	90	4.00	1,635	1,635	30	1,635	4.700
Ferry	13,806	857	87,414	3.55	4,408	90	3.60	13,989	12,668	28	12,668	1.777
Pope	117	105	12,285	4.00	491	100	4.00	6,345	6,345	23	6,345	5.195
Pulaski	4,737	1,042	90,634	4.25	3,853	95	3.50	23,048	22,581	24	22,581	6.750
Randolph	9,321	2,051	192,794	4.60	8,868	80	4.75	28,125	28,125	35	28,125	3.889
Richland	2,658	585	58,500	3.35	1,960	112	4.00	5,740	5,396	25	5,396	3.164
Saline	3,718	817	81,700	3.75	3,004	100	4.00	12,658	12,658	26	12,658	2.643
St. Clair	3,012	663	69,615	3.40	2,367	70	2.75	11,051	10,167	25	10,167	8.926
Union	4,803	1,057	100,415	4.25	4,268	100	4.00	16,531	15,704	25	15,704	3.397
Wabash	4,453	980	114,660	3.15	3,612	83	3.35	13,589	13,589	25	13,589	7.506
Washington	49,934	2,198	197,910	3.15	6,234	92	3.85	432,672	30,385	25	30,385	2.453
Wayne	2,906	639	77,958	3.85	3,001	92	3.85	10,221	10,221	24	10,221	1.349
White	1,363	300	33,000	3.90	1,287	88	4.00	4,486	4,217	32	4,217	3.409
Williamson	135,962	29,909	2,919,658	\$3.75	108,966	83	\$3.70	432,467	413,973	\$0.25	413,973	\$104.269
Total or average												

* Estimated.

+ Estimated same as in 1889.

20 per cent. of number assessed.

HORSES.

NORTHERN DIVISION.	NUMBER COLTS FOALING.					No. of horses and colts May, 1884.	No. of horses and colts May, 1885.	No. of horses and colts May, 1886.	No. of horses and colts May, 1887.	No. of horses and colts May, 1888.	No. of horses and colts May, 1889.	No. of horses and colts May, 1890.
	1884.	1885.	1886.	1887.	1888.	1889.						
Boone.....	781	735	812	971	864	987	5,746	5,054	5,822	6,036	6,340	6,878
Bureau.....	2,445	2,647	2,802	3,092	3,318	3,225	13,397	13,853	13,242	17,214	28,029	21,142
Carroll.....	1,192	1,181	1,297	1,544	1,733	1,863	6,924	8,774	8,728	9,046	9,473	10,161
Cook.....	1,922	1,008	1,951	1,109	1,109	1,175	10,742	9,616	9,648	9,948	11,137	12,203
DeKalb.....	1,848	1,989	2,130	2,426	2,303	2,148	13,816	13,958	14,875	15,383	15,514	16,452
DuPage.....	616	737	942	888	810	1,175	5,208	4,980	5,219	5,885	5,856	6,812
Grundy.....	936	1,008	1,188	1,145	1,125	1,005	7,504	6,139	6,697	7,793	8,452	9,225
Henderson.....	1,082	852	889	895	992	797	7,219	6,436	6,436	6,537	6,564	7,245
Henry.....	2,118	2,133	2,677	2,519	2,682	2,366	17,215	16,430	16,251	17,458	19,081	17,192
Jackson.....	2,445	2,718	2,948	3,262	3,913	3,941	19,679	19,824	23,074	22,079	23,453	25,089
Jo Daviess.....	1,186	1,067	1,284	1,313	1,560	1,582	9,139	9,762	8,235	10,048	10,261	11,128
Kane.....	953	984	1,192	1,280	1,262	1,401	8,973	9,458	9,081	10,162	9,816	10,775
Kankakee.....	1,157	1,493	1,640	1,878	1,838	2,053	13,064	7,730	8,475	10,396	10,286	11,081
Kendall.....	660	802	897	1,011	985	1,139	6,507	7,148	7,452	7,798	8,566	8,628
Knox.....	2,381	2,685	2,793	2,853	2,933	2,962	15,285	16,880	16,278	17,429	17,405	19,729
Lake.....	743	2,844	823	985	990	979	5,714	6,148	6,450	6,359	6,891	7,730
LaSalle.....	3,532	4,557	3,611	3,945	4,042	4,030	22,597	23,359	26,189	26,423	27,864	28,049
Lee.....	1,175	1,175	1,475	1,851	2,188	2,224	12,516	12,622	11,855	11,206	13,056	14,900
Livingston.....	2,797	3,347	3,355	3,704	4,166	4,019	23,444	24,640	25,077	24,500	27,996	27,967
Marshall.....	1,905	1,096	1,242	1,229	1,241	1,371	8,082	6,783	7,906	8,173	8,315	9,209
McHenry.....	1,956	1,482	1,636	1,858	1,916	1,718	11,037	11,264	11,905	12,273	13,127	13,769
Mercer.....	1,944	2,170	2,390	2,334	2,141	2,259	11,752	12,538	13,412	14,213	14,771	15,205
Ogle.....	2,199	2,188	2,141	2,556	2,871	2,992	15,376	18,954	16,011	14,653	18,704	18,837
Peoria.....	1,184	1,291	1,260	1,578	1,485	1,324	16,463	10,057	10,194	11,148	11,169	11,081
Putnam.....	531	570	648	647	637	509	3,359	3,332	3,835	3,838	3,716	3,758
Rock Island.....	887	971	1,178	1,282	1,144	1,219	6,128	6,771	7,373	7,718	8,239	8,412
Stark.....	1,001	1,076	1,311	1,263	1,260	867	6,079	7,367	8,244	7,665	7,549	7,882
Stephenson.....	1,079	1,217	1,373	1,531	1,510	1,640	11,317	10,184	7,735	10,828	11,089	12,377
Warren.....	2,571	2,374	2,625	2,614	2,536	2,625	13,700	14,603	14,598	16,594	15,977	17,219
Whiteside.....	2,203	2,139	2,011	2,283	2,583	2,569	10,617	13,350	13,450	14,835	15,585	15,493
Will.....	1,580	2,336	1,981	2,101	2,480	2,464	12,838	13,829	14,380	14,380	14,610	15,863
Winnebago.....	1,632	1,220	1,403	1,434	1,275	1,362	9,217	9,493	10,048	9,392	10,563	13,136
Woodford.....	1,408	1,371	1,553	1,655	1,864	1,901	9,746	10,574	11,248	11,178	11,743	12,838
Total.....	49,467	53,463	56,599	61,168	63,796	64,675	368,501	369,536	384,718	387,425	353,451	400,497

CROP REPORT.

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HORSES—Continued.

	NUMBER COLTS FOALING.				No. of horses and colts May, 1884.	No. of horses and colts May, 1885.	No. of horses and colts May, 1886.	1887.	1888.	1889.	No. of horses and colts May, 1888.	No. of horses and colts May, 1889.	No. of horses and colts May, 1890.
	1884.	1885.	1886.	1887.									
Adams.....	1,136	1,500	1,361	1,607	1,749	1,496	10,699	11,468	12,346	12,039	3,558	13,477	14,472
Brown.....	48	656	715	927	766	657	5,257	5,199	5,018	5,711	5,243	5,427	5,067
Calhoun.....	121	168	244	*244	*244	336	1,284	1,942	1,735	1,879	1,714	*1,714	1,901
Cass.....	496	483	641	766	786	786	4,235	4,970	4,897	4,990	5,718	5,309	5,716
Champaign.....	2,399	2,476	2,727	3,028	3,685	3,685	17,634	18,113	19,979	20,485	23,461	23,061	24,078
Christian.....	1,861	1,790	1,767	2,060	2,177	1,839	13,319	14,439	13,660	13,597	13,591	14,118	14,442
Clark.....	657	673	719	812	898	639	5,198	5,276	4,593	5,487	5,984	5,487	5,816
Coles.....	848	1,068	1,068	1,078	760	7,639	6,291	8,039	7,639	7,639	6,034	7,271	5,316
Cumberland.....	466	364	392	415	557	58	3,972	3,019	3,622	3,269	3,698	3,555	3,969
DeWitt.....	1,215	1,437	1,634	1,437	1,418	1,558	7,940	8,316	8,463	7,859	8,779	9,983	9,274
Douglas.....	9 4	907	975	1,130	1,271	984	7,142	7,225	7,707	7,971	8,730	9,586	9,365
Edgar.....	1,405	1,399	1,577	1,705	1,705	880	11,531	12,440	12,029	12,029	12,845	12,845	9,569
Ford.....	881	905	1,28	1,314	*1,314	1,535	6,067	6,365	6,824	8,031	8,234	*8,234	9,563
Fulton.....	2,104	2,221	2,498	2,933	2,807	2,980	14,505	15,332	13,898	14,964	17,274	19,500	19,421
Greene.....	922	1,095	1,129	1,149	1,257	740	7,861	8,446	8,704	8,610	8,692	9,483	9,566
Hancock.....	1,763	2,013	2,112	2,431	2,567	2,335	12,906	13,792	13,775	14,176	15,316	16,391	14,944
Jersey.....	414	584	653	703	653	703	2,501	5,306	5,476	5,756	5,848	5,754	5,927
Logan.....	1,521	1,594	1,716	1,985	1,985	1,778	11,706	12,479	12,964	12,520	14,302	13,796	13,138
Macon.....	1,186	1,432	1,812	1,739	1,739	909	12,344	12,383	13,298	14,493	13,011	12,716	1,483
Macoupin.....	1,722	2,033	2,054	1,946	1,774	1,800	14,303	14,882	14,882	21,123	15,231	15,583	1,176
Mason.....	489	490	754	920	876	*4,392	4,392	4,774	4,116	4,292	4,292	4,653	6,261
McDonough.....	1,440	618	753	1,561	1,155	761	9,589	*9,589	9,137	9,137	9,443	9,037	9,653
McLean.....	3,558	4,755	4,517	4,991	4,890	5,366	26,826	24,311	27,735	27,799	34,939	32,018	36,720
Menard.....	550	565	*565	620	690	2,103	4,520	4,465	4,093	*4,093	4,600	4,558	5,217
Montgomery.....	1,571	1,621	1,841	1,925	2,110	1,695	13,550	10,851	13,268	14,440	14,191	13,054	10,755
Morgan.....	692	677	758	1,459	1,912	*6,531	6,531	6,289	5,063	6,002	6,032	6,030	6,590
Moutrie.....	480	750	856	1,212	880	344	4,659	5,017	6,870	7,475	8,474	6,856	9,256
Pike.....	851	1,085	1,314	1,490	1,420	1,498	7,599	8,438	9,184	11,540	10,641	9,886	9,256
Sangamon.....	2,320	2,545	2,475	3,014	2,903	1,933	15,221	16,603	15,623	17,765	18,651	19,106	11,528
Schuyler.....	908	1,098	1,113	1,137	*1,137	1,295	6,485	6,356	7,050	8,536	8,204	*8,204	9,416
Scott.....	210	304	210	280	157	157	1,396	*1,396	1,731	1,769	2,038	2,205	1,121
Shelby.....	*896	1,703	1,506	1,398	1,821	441	10,559	13,124	13,721	11,623	12,082	11,384	9,075
Tazewell.....	1,558	1,492	1,823	2,160	1,978	1,978	10,452	10,807	11,141	11,691	11,852	12,405	12,374
Vermilion.....	1,813	2,212	2,520	2,838	3,160	2,257	13,979	14,949	15,739	17,177	17,326	18,530	14,612
Total.....	39,595	44,776	47,258	54,960	56,769	49,175	319,319	319,329	319,343	319,355	319,365	319,380	319,315

HORSES—Continued.

SOUTHERN DIVISION.																	
NUMBER COLTS FOALING.						1889.	1888.	1887.	1886.	1885.	No. of horses and colts May, 1884.	No. of horses and colts May, 1885.	No. of horses and colts May, 1886.	No. of horses and colts May, 1887.	No. of horses and colts May, 1888.	No. of horses and colts May, 1889.	No. of horses and colts May, 1890.
1884.	1885.	1886.	1887.	1888.	1889.												
Alexander.....	47	66	*66	*66	84	37	574	649	782	*782	813	811	559				
Bond.....	998	868	901	895	1,075	910	6,446	6,860	6,521	6,241	6,148	7,343	5,886				
Clay.....	547	680	641	763	704	778	5,191	4,913	3,903	4,677	5,213	5,257	5,428				
Clinton.....	621	628	691	708	605	605	5,749	6,304	6,389	6,521	6,231	6,587	5,785				
Crawford.....	638	543	573	715	682	*682	4,872	4,672	4,298	4,277	5,190	4,708	*4,804				
Edwards.....	300	293	307	365	402	323	3,002	2,703	2,928	2,737	3,257	3,365	3,257				
Edinzbam.....	502	512	627	795	*795	517	5,488	5,389	5,545	5,867	6,091	*6,091	4,192				
Fayette.....	782	911	1,012	1,006	859	124	8,721	9,936	7,505	8,092	8,316	6,761	872				
Franklin.....	152	510	585	448	351	185	583	1,242	3,839	4,331	3,544	3,270	1,548				
Gallatin.....	635	732	161	186	*186	79	3,008	5,214	5,548	4,438	1,871	874	1,874				
Hamilton.....	381	729	693	644	585	424	3,418	4,885	5,001	4,975	4,402	*4,341	2,699				
Hardin.....	130	135	126	168	172	121	1,694	1,283	1,215	1,079	1,395	1,110	1,110				
Jackson.....	389	382	336	303	*303	*303	3,911	3,795	4,186	4,087	2,988	*2,988	*2,988				
Jasper.....	451	455	683	780	735	537	4,407	4,068	4,603	5,383	5,393	4,683	5,393				
Jefferson.....	769	646	891	1,043	768	*768	6,242	5,904	6,396	6,636	6,563	5,750	*5,750				
Johnson.....	280	280	286	210	190	162	1,684	2,630	2,637	2,294	2,066	1,313	1,190				
Lawrence.....	410	458	475	697	693	201	4,013	4,809	4,597	4,762	5,454	5,949	1,524				
Madison.....	1,168	1,531	1,289	1,344	1,370	1,104	9,766	11,868	11,080	11,066	11,594	10,961	9,859				
Marion.....	609	719	936	936	885	391	6,070	6,436	5,639	7,526	6,052	9,859	3,102				
Massac.....	169	142	158	142	158	60	1,238	1,804	2,265	2,371	2,396	3,106	3,106				
Monroe.....	163	185	209	318	302	269	3,606	3,551	3,625	3,527	3,603	3,330	3,106				
Perry.....	246	270	310	310	141	116	2,381	3,188	3,039	3,051	898	771	771				
Pope.....	335	307	326	*326	*326	*326	2,385	2,639	2,802	2,567	*2,567	*2,567	*2,567				
Pulaski.....	98	208	213	358	381	378	1,240	1,225	1,362	1,893	1,750	1,810	1,860				
Randolph.....	433	646	727	758	697	723	6,272	6,080	6,325	6,336	6,105	6,252	6,252				
Richland.....	393	452	604	705	736	635	3,594	3,496	4,490	4,508	5,174	5,019	4,694				
Saline.....	*167	374	507	541	556	403	1,960	*1,960	2,885	3,912	4,585	4,585	3,508				
St. Clair.....	642	831	996	1,136	1,085	1,637	3,383	3,115	9,465	11,515	11,540	12,322	12,247				
Union.....	200	341	500	410	444	351	2,414	2,407	3,631	3,728	3,995	3,217	3,217				
Wabash.....	157	194	274	396	443	*449	2,380	2,511	1,901	3,189	3,051	3,155	3,155				
Washington.....	900	945	966	1,064	*1,064	985	1,073	7,261	7,145	7,517	7,831	6,380	6,380				
Wayne.....	780	752	852	880	831	*831	5,345	5,728	6,597	7,226	6,996	6,910	6,910				
White.....	338	458	503	521	617	371	4,660	4,315	5,311	4,769	5,614	4,282	4,282				
Williamson.....	426	415	410	571	239	216	2,866	3,395	4,085	2,418	3,030	1,664	1,365				
Total.....	15,196	17,558	18,634	21,437	19,626	16,021	141,676	148,155	156,493	161,680	166,516	159,053	127,946				

*Estimated same as previous year.

HONEY, POULTRY, AND EGGS.

NORTHERN DIVISION	HONEY.		POULTRY.		EGGS.	
	No. lbs. produced in 1889, As-sessors' re- turns.	No. lbs. produced in 1890, com- pared with 1889.	Value of -poultry sold 1889, As-sessors' returns.	Value sold 1890 com- pared with 1889.	Value of eggs sold 1889, As-sessors' re- turns.	Value sold 1890 com- pared with 1889.
Boone.....	27,553	19,287	\$16,378	98	\$7,486	162
Bureau.....	78,078	59,008	36,417	100	18,927	100
Carroll.....	42,473	13,290	16,352	94	11,629	102
Cook.....	3,365	1,863	1,556	103	4,463	100
DeKalb.....	13,076	13,016	24,239	100	11,544	100
DuPage.....	8,620	4,511	12,555	100	16,792	108
Grundv.....	13,886	7,336	870	70	899	105
Henderson.....	32,834	26,297	27,123	98	15,643	105
Henry.....	66,833	42,773	54,009	94	19,580	100
Iroquois.....	37,156	26,752	18,973	85	25,311	90
JoDavies.....	37,496	45,505				
Kane.....	19,336	9,768	23,929	100	12,578	108
Kankakee.....	15,138	7,872	16,326	100	16,889	100
Kendall.....	15,720	6,002	22,481	104	12,761	106
Knox.....	50,693	20,277	30,206	102	12,202	105
Lake.....	12,172	10,346	36,914	99	29,109	100
LaSalle.....	57,855	50,334	35,064	103	18,637	102
Lee.....	68,563	61,706	69,248	100	42,445	95
Livinston.....	27,403	14,249				
Marshall.....	10,450	7,329				
McHenry.....	32,952	24,714	22,053	97	18,239	100
Merced.....	78,561	43,210	18,111	100	8,059	881
Ogle.....	33,511	23,660	32,382	95	23,420	103
Peoria.....	33,657	17,778	13,297	99	14,273	96
Putnam.....	8,550	6,653	3,372	105	3,768	105
Rock Island.....	51,206	28,163	14,805	95	17,108	95
Stark.....	27,673	20,755	14,243	100	7,779	102
Stephenson.....	32,137	25,067	15,826	97	29,916	100
Warren.....	54,540	43,087	13,388	97	5,549	100
Whiteside.....	124,364	83,324	31,774	98	13,350	97
Will.....	17,695	6,193	18,509	100	20,569	100
Winnebago.....	46,619	24,257	13,615	105	12,522	100
Woodford.....	12,972	9,988	10,905	104	8,026	100
Total or average.....	1,197,230	805,520	\$657,120	98	\$458,898	100
						\$458,300

HONEY, POULTRY, AND EGGS—Continued.

CENTRAL DIVISION.	HONEY.		POULTRY.		EGGS.		
	No. lbs. produced in 1889, Assessors' returns.	No. lbs. produced in 1890 compared with 1889.	No. lbs. produced in 1889, Assessors' returns.	Value of poultry sold 1889, Assessors' returns.	Value sold 1890 compared with 1889.	Value of eggs sold 1889, Assessors' returns.	Value of eggs sold in 1890.
Adams.....	35,527	100	35,527	\$5,507	80	\$4,406	\$5,408
Brown.....	10,568	87	9,194	4,952	75	3,371	5,762
Calhoun.....	6,862	40	2,745	5,092	90	5,032	5,260
Cass.....	5,998	*85	5,098	2,219	105	2,330	5,960
Champaign.....	26,289	100	26,289	14,265	81	11,555	6,302
Christian.....	31,229	*103	32,166	14,265	110	16,940	14,421
Clark.....	8,296	90	7,466	5,400	87	7,274	6,765
Clatsop.....	9,891	65	6,410	14,534	90	12,644	110
Cumberland.....	2,670	125	3,357	800	120	12,011	6,421
Dewitt.....	12,593	110	13,552	10,009	100	7,364	5,351
Douglas.....	12,336	100	12,336	7,364	100	7,364	7,181
Edgar.....	14,061	83	11,671	.....	.....	.....	.....
Ford.....	9,839	75	7,379	.....	.....	.....	.....
Fulton.....	56,901	77	43,813	.....	.....	.....	.....
Greene.....	27,262	*68	18,538	11,470	90	10,323	5,014
Hancock.....	66,489	*75	49,867	10,248	100	10,248	15,690
Jersey.....	11,354	75	8,515	7,036	75	5,277	4,417
Logan.....	14,141	72	10,181	12,956	95	12,308	11,345
Macon.....	7,205	140	10,087	1,086	95	1,032	818
Macoupin.....	28,234	55	15,529	22,073	99	21,852	7,675
Mason.....	3,349	*78	4,172	6,154	100	6,154	4,452
McDonough.....	69,656	45	31,345	.....	.....	.....	.....
McLean.....	40,872	62	23,341	33,342	97	3,342	17,253
Menard.....	4,375	82	3,387	23,450	101	23,684	2,100
Montgomery.....	33,888	*78	26,433	24,654	107	26,380	20,056
Morgan.....	3,500	100	3,500	245	97	228	260
Moultrie.....	3,176	100	3,176	4,564	105	4,742	2,333
Pike.....	4,480	*102	4,570	2,795	100	2,795	1,557
Platt.....	21,731	80	17,385	11,385	100	11,385	9,377
Sangamon.....	21,512	*70	15,058	12,048	95	11,446	6,062
Scott.....	14,322	*77	11,028	.....	.....	.....	.....
Shelby.....	6,465	60	469	547	100	547	362
Shelby.....	6,465	100	6,465	5,574	100	5,574	4,940
Therrell.....	53,205	80	42,564	12,943	100	12,943	11,746
Vermilion.....	10,844	87	9,434	22,851	105	23,993	8,763
Total or average.....	691,872	77	534,527	\$305,606	98	\$299,687	\$193,517

HONEY POULTRY, AND EGGS—Continued.

CROP REPORT.

83

SOUTHERN DIVISION.

	HONEY.			POULTRY.			EGGS.		
	No. lbs. produced in 1889. As seasons' returns	No. lbs. produced compared with 1889.	No. lbs. produced in 1890.	Value of poultry sold 1889. Assessors' returns.	Value sold 1890 compared with 1889.	Value poultry sold 1890.	Value of eggs sold 1889. Assessors' returns.	Value sold 1890 compared with 1889.	Value of eggs sold in 1890.
Alexander.....	775	100	775	\$196	100	\$196	\$280	105	\$294
Bond.....	8,396	66	5,541	9,846	92	9,058	8,001	99	7,921
Clay.....	10,952	100	10,952	15,116	100	15,116	12,682	110	13,950
Clinton.....	10,479	90	9,431	8,467	101	8,552	29,681	100	29,681
Crawford.....	7,792	88	6,857	47,571	107	18,801	12,692	100	12,692
Edwards.....	4,145	67	2,777	10,550	107	11,288	9,795	103	10,089
Ettingham.....	5,604	73	4,091	5,821	93	5,413	11,599	102	11,831
Payette.....	8,004	82	6,563	2,770	105	2,908	4,237	115	4,872
Franklin.....	4,425	120	5,310	3,037	95	2,885	4,264	95	4,051
Galatin.....	1,398	105	1,468	1,784	100	1,784	1,725	112	1,932
Hamilton.....	12,663	133	16,842	5,895	103	6,072	5,436	100	5,436
Hardin.....	2,820	90	1,410	1,597	95	1,517	1,723	105	1,809
Jackson.....	7,386	100	7,386	19,089	105	20,043	13,944	110	15,338
Jasper.....	78,179	92	7,525	46,319	100	6,319	18,908	117	10,422
Jefferson.....	2,051	100	2,051	1,489	100	1,489	1,361	100	1,361
Johnson.....	2,323	70	1,626	4,675	120	5,610	4,483	110	4,931
Lawrence.....	7,753	98	7,598	12,598	97	12,220	16,627	95	15,796
Madison.....	6,480	70	4,535	5,949	120	7,139	12,122	120	14,546
Marion.....	1,611	*107	1,724	5,591	*107	5,635	1,504	100	1,504
Massac.....	1,066	50	533	8,150	*101	8,231	19,765	*92	18,184
Monroe.....	3,185	91	2,898	4,498	96	4,478	681	99	674
Perry.....	4,739	115	5,450	8,175	114	9,319	7,145	108	7,117
Pope.....	9,518	75	7,138	16,245	100	16,245	20,932	100	20,932
Pulaski.....	14,317	105	15,033	19,470	102	19,859	20,599	105	21,629
Randolph.....	17,895	137	24,516	7,601	102	7,553	6,742	100	6,742
Richland.....	7,032	80	5,626	24,641	90	22,177	40,103	85	34,087
Satine.....	8,445	81	6,840	1,915	96	2,798	8,618	99	8,532
St. Clair.....	14,929	*81	3,992	45,553	*110	6,438	44,693	*106	4,974
Union.....	16,277	72	11,719	17,813	100	17,813	41,910	103	43,167
Wabash.....	127,846	105	23,238	17,397	92	6,805	17,640	92	7,029
Washington.....	6,282	90	3,654	7,731	98	7,477	8,340	105	8,967
Wayne.....	4,191	82	3,437	1,698	105	1,783	1,318	97	1,278
White.....	238,958	95	226,537	\$261,550	101	\$264,220	\$349,740	101	\$352,358
Williamson.....									
Total or average.....									

*Estimated.

†Estimated same as in 1888.

NAMES AND POST OFFICE ADDRESS

—OF—

CROP CORRESPONDENTS

STATE BOARD OF AGRICULTURE,

FOR THE YEAR 1890,

WITH DATE OF APPOINTMENT.

ADAMS COUNTY—

- 1877, A. R. Wallace, Camp Point.
- 1879, G. W. Dean, Adams.
- 1883, H. C. Culp, Fall Creek.
- 1888, C. H. Rankin, Fall Creek.

ALEXANDER COUNTY—

- 1884, J. R. F. Standard, Elco.
- 1887, Jos. L. Glasgow, Olive Branch.
- 1888, S. H. Yates, Commercial Point.

BOND COUNTY—

- 1877, John V. McFarland, Reno.
- 1877, S. H. Challis, Pocahontas.
- 1882, W. D. Henry, Beaver Creek.
- 1884, E. L. Williford, Old Ripley.
- 1885, J. B. Denny, Sorrento.
- 1885, W. H. Taylor, Tamalco.

BOONE COUNTY—

- 1877, George Reed, Belvidere.
- 1877, S. C. Fox, Garden Prairie.
- 1877, E. E. Moss, Belvidere.
- 1882, O. S. Nichols, Garden Prairie.
- 1885, Stanley T. Heath, Capron.

BROWN COUNTY—

- 1877, Henry D. Ritter, Versailles.
- 1887, J. W. Moore, Mound Station.

- 1889, W. B. Rigg, Mt. Sterling.
- 1889, Jos. W. Curry, Mt. Sterling.

BUREAU COUNTY—

- 1877, James F. Mallet, Milo.
- 1878, J. Y. Spangler, New Bedford.
- 1879, John L. Hall, Wyand.
- 1885, R. B. Frary, LaMoille.
- 1885, Louis Zearing, Arlington.
- 1886, C. P. Mason, Buda.
- 1888, L. R. Bryant, Princeton.

CALHOUN COUNTY—

- 1881, M. A. Kamp, Kampsville.
- 1887, C. Lee Wood, Hamburg.
- 1887, Samuel J. Merida, Mozier.

CARROLL COUNTY—

- 1882, John Cole, Thompson.
- 1882, S. Preston, Mt. Carroll.
- 1884, Peter Hyzer, Shannon.
- 1888, Whitney Inman, Milledgeville.

CASS COUNTY—

- 1878, John H. Goodell, Chandlerville.
- 1878, John Beggs, Ashland.
- 1878, J. K. Clark, Bluff Springs.
- 1885, Oliver Decker, Bluff Springs.

CHAMPAIGN COUNTY—

- 1877, W. A. Conkey, Homer.
- 1885, M. F. Porterfield, Sidney.
- 1885, W. E. Dawley, Seymour.
- 1885, Eugene Christie, Seymour.
- 1885, S. J. Purnell, Mahomet.
- 1885, David B. Strayton, Sr., St. Joseph.
- 1887, J. M. Lewis, Urbana.
- 1888, W. H. Morgan, Tolono.
- 1888, Lewis Martin, Rantoul.

CHRISTIAN COUNTY—

- 1877, J. B. White, Morrisonville.
- 1877, John W. Hunter, Owaneco.
- 1878, O. S. Nash, Sharpsburg.
- 1880, J. R. Hill, Edinburg.
- 1882, Peter L. Myers, Assumption.
- 1885, J. Slate, Edinburg.
- 1885, J. Will Haines, Taylorville.
- 1890, Theo. P. Baxter, Taylorville.
- 1890, J. E. Larkins, Clarksdale.

CLARK COUNTY—

- 1877, James B. Sheapley, Martinsville.
- 1877, F. B. Ennis, Dolson.
- 1877, R. R. Scott, Casey.
- 1880, L. B. Anderson, Darwin.
- 1880, Jerry Ishler, Martinsville.
- 1880, B. B. Farman, Orange.

CLAY COUNTY—

- 1877, W. W. Bowler, Flora.
- 1880, Theron Gould, Bible Grove.
- 1882, A. W. Bothwell, Clay City.
- 1887, John R. Bryan, Xenia.

CLINTON COUNTY—

- 1878, John Burton, Trenton.
- 1887, W. H. H. Nichols, Carlyle.
- 1888, B. I. Gerdes, Huey.
- 1889, A. E. Phillips, Aviston.
- 1888, Mrs. W. H. Russell, Shattuc.
- 1890, John B. Heimann, Damansville.

COLES COUNTY—

- 1880, J. F. Dora, Charleston.
- 1882, E. G. Patterson, Mattoon.
- 1883, W. D. Tabler, Trilla.
- 1884, Wm. A. Poorman, Humboldt.
- 1887, Garrett V. Millar, Mattoon.

COOK COUNTY—

- 1879, George Struckman, Bartlett.
- 1879, C. L. Sweet, Glenwood.
- 1879, Edwin M. Powell, Orland.
- 1880, Elbert Wheeler, Arlington Heights.

CRAWFORD COUNTY—

- 1877, William L. Heustis, Robinson.
- 1877, Andrew Newlin, Hutsonville.
- 1880, J. P. Weger, Flat Rock.
- 1882, William Wood, Oblong.
- 1882, W. S. Emmons, Robinson.
- 1884, H. H. Haskett, Palestine.

CUMBERLAND COUNTY—

- 1877, David Neal, Neoga.
- 1878, Harlow Park, Greenup.
- 1879, Ed Bumgardner, Hazel Dell.
- 1882, Jas. M. Albin, Neoga.
- 1887, David B. Green, Toledo.
- 1890, Wm. Young, Hazel Dell.

DEKALB COUNTY—

- 1879, D. M. Marsh, Sandwich.
- 1881, Edwin Waite, Sycamore.
- 1884, Robt. Hampton, East Paw Paw.
- 1885, Theo. Bailis, Courtland.
- 1890, John King, Courtland.

DEWITT COUNTY—

- 1877, E. H. Robb, Waynesville.
- 1877, John McDonald, Farmer City.
- 1881, A. D. Metz, Wapella.
- 1882, W. R. Carle, Wapella.

DOUGLAS COUNTY—

- 1879, F. A. McCarty, Filson.
- 1885, Vinton Garrett, Atwood.
- 1887, William Iles, Camargo.

DUPAGE COUNTY—

- 1877, P. W. Stacy, Prospect Park.
- 1884, Daniel Kelley, Wheaton.
- 1885, Thomas Betts, Jr., Naperville.
- 1888, A. D. Albro, Wayne.

EDGAR COUNTY—

- 1878, B. O. Curtis, Paris.
- 1878, A. S. McCord, Paris.
- 1885, Morris Little, Edgar.
- 1887, Geo. W. Legg, Scotland.
- 1889, J. W. Perisho, Palermo.

EDWARDS COUNTY—

- 1877, W. A. Shelby, Maple Grove.
- 1877, Charles Clark, Albion.
- 1888, John H. Marshall, Grayville.
- 1889, Ira Gould, Bone Gap.

EFFINGHAM COUNTY—

- 1883, H. C. Henry, Mason.
- 1883, George Strong, Eberle.
- 1883, T. J. Dunn, Elliottstown.
- 1885, William Blakeley, Altamont.
- 1888, Samuel Bartley, Edgewood.

FAYETTE COUNTY—

- 1877, O. E. Lovett, St. Elmo.
- 1877, C. Carson, Brownstown.
- 1890, D. T. Shaffer, Farina.

FORD COUNTY—

- 1877, L. T. Bishop, Piper City.
- 1877, James Ogilvie, Cabercoy.
- 1879, S. J. LeFevre, Gibson City.
- 1887, W. J. Wood, Elliot.
- 1887, C. K. Snyder, Paxton.

FRANKLIN COUNTY—

- 1878, Isham Harrison, Mulkeytown.
- 1883, Otto Henlbis, Benton.
- 1883, T. D. Boyles, Ewing.
- 1885, L. M. Jones, Benton.
- 1889, Wm. Browning, Osage.
- 1889, J. S. Webb, Webb's Hill.
- 1889, John A. Coleman, Frankfort.

FULTON COUNTY—

- 1877, M. Rawalt, Canton.
- 1878, John Prickett, Lewiston.
- 1881, S. B. Bennett, Fairview.
- 1885, E. J. Parry, Astoria.
- 1887, Cyrus Bucher, Astoria.

GALLATIN COUNTY—

- 1877, John McGehee, Shawneetown.
- 1880, Martin Doherty, Shawneetown.
- 1883, R. A. Lamb, Ridgway.
- 1889, John M. Bowling, Equality.

GREENE COUNTY—

- 1877, C. W. Brace, Kane.
- 1877, S. G. Russell, Bluffdale.
- 1878, Elou A. Eldred, Carrollton.
- 1887, C. I. McColister, White Hall.
- 1887, W. H. Ellis, Greenfield.

GRUNDY COUNTY—

- 1834, W. T. Pierce, Verona.

HAMILTON COUNTY—

- 1877, A. M. Sturman, Dahlgren.
- 1887, Inman Hamilton, Broughton.
- 1887, Geo. K. Edwards, McLeansboro.
- 1889, J. D. Lockwood, Braden.

HANCOCK COUNTY—

- 1877, E. Baxter, Nauvoo.
- 1878, A. C. Hammond, Warsaw.
- 1885, J. M. Bainter, LaCrosse.
- 1885, C. M. McMillan, Denver.
- 1885, W. A. Moore, Elvaston.
- 1890, John Fletcher, Carthage.

HARDIN COUNTY—

- 1846, John Jack, Cave-in-Rock.
- 1887, John C. Rose, Wolrab Mills.
- 1848, Geo. W. Douglas, Cave-in-Rock.
- 1890, W. J. Banks, Karber's Ridge.

HENDERSON COUNTY—

- 1877, John H. McDougall, Biggsville.
- 1882, M. A. Frazell, Kirkwood, (Warren County)
- 1882, Charles Vaughn, Lomax.
- 1889, R. L. Taylor, Karitan.
- 1889, J. W. Brock, Oquawka.

HENRY COUNTY—

- 1877, N. C. Gilbert, Geneseo.
- 1877, John A. Widney, Woodhull.
- 1878, Joshua C. Edwards, Cambridge.
- 1885, S. H. Moon, Annawan.
- 1889, Horace S. Gilbert, Geneseo.

IROQUOIS COUNTY—

- 1878, A. C. Johnson, Woodland.
- 1879, Robert Caldwell, Sheldon.
- 1841, Frank H. Burnham, Martinton.
- 1882, B. W. Gilbourne, Caberey, (Ford County).
- 1833, S. Williams, Woodland.
- 1884, F. I. Mann, Gilman.
- 1885, Ed. Stimpson, Milford.
- 1886, C. H. Martin, Loda.
- 1887, F. M. Chapman, Danforth.
- 1888, Robert M. Perry, Cisna Park.

JACKSON COUNTY—

- 1879, George C. Hanford, Makanda.
- 1887, D. G. Will, Campbell Hill.
- 1888, James E. Walker, Murphysboro.

JASPER COUNTY—

- 1876, W. E. Barrett, Newton.
- 1876, A. Wilson, Wheeler.
- 1884, R. S. Cummins, Rose Hill.
- 1886, Michael Kratzmeier, St. Marie.
- 1889, Albert Hammer, Rose Hill.

JEFFERSON COUNTY—

- 1877, John R. Moss, Mt. Vernon.
- 1878, George L. Whitlock, Dix.
- 1879, L. E. Jones, Opdyke.
- 1879, E. S. Noleman, Irvington, (Washington County.)

JERSEY COUNTY—

- 1877, Henry Ryan, Medora, (Macoupin County.)
- 1884, John G. Dougherty, Otterville.
- 1887, Joseph Chambers, McCluskey.

JODAVIESS COUNTY—

- 1882, M. K. Hammond, Stockton.
- 1885, Geo. W. Pepoon, Warren.
- 1889, E. Stevens, Howardsville.
- 1837, W. H. Bouton, Galena.

JOHNSON COUNTY—

- 1880, J. F. Casper, New Burnside.
- 1882, P. W. McFatridge, Vienna.
- 1886, S. P. Thacker, Vienna.

KANE COUNTY—

- 1877, J. P. Bartlett, Blackberry.
- 1878, H. Chapman, Sugar Grove.
- 1882, Daniel Whitney, Wasco.
- 1884, Geo. E. Peck, Geneva.
- 1884, E. W. Thompson, Sugar Grove.

KANKAKEE COUNTY—

- 1882, A. L. Miner, Momence.
- 1885, John Devine, Chebanse.
- 1885, Wm. V. States, Buckingham.
- 1888, O. W. Barnard, Manteno.

KENDALL COUNTY—

- 1877, J. M. Gale, Yorkville.
- 1877, Geo. M. Hollenback, Yorkville.
- 1877, John Hurst, Minooka, (Grundy County.)
- 1878, John S. Seeley, Oswego.
- 1885, W. H. Shufelt, White Willow.

KNOX COUNTY—

- 1877, James Sloan, Yates City.
- 1877, G. A. Marshall, Abingdon.
- 1878, R. W. Miles, Gilson.
- 1885, A. B. Brown, Oneida.
- 1835, J. F. Latimer, Abingdon.
- 1885, Wm. Robinson, Wataga.
- 1885, S. O. Allen, Galesburg.
- 1887, P. H. Hammond, Oneida.

LAKE COUNTY—

- 1878, Henry Hart, Hainesville.
- 1878, Arthur Cook, Wauconda.
- 1879, J. B. Pope, Wadsworth.
- 1889, J. A. Mason, Prairie View.

LaSALLE COUNTY—

- 1877, Thomas J. Davis, Triumph.
- 1877, Elmer Baldwin, Farm Ridge.
- 1878, George W. Armstrong, Seneca.
- 1883, L. A. Burgess, Tonica.
- 1883, Chas. T. Farrell, Ottawa.
- 1884, W. B. Rockwood, Sheridan.

LAWRENCE COUNTY—

- 1877, D. S. Porter, Lawrenceville.
- 1877, W. T. Buchanan, Sumner.
- 1882, J. A. Fyffe, Sumner.
- 1885, John Derr, Pinkstaff.
- 1888, Charles E. Corrie, Ruark.

LEE COUNTY—

- 1877, Abijah Powers, Prairieville.
- 1877, Jos. C. Lahman, Franklin Grove.
- 1879, Abram Brown, Dixon.
- 1884, William McMahan, Paw Paw.

LIVINGSTON COUNTY—

- 1877, S. T. K. Prime, Dwight.
- 1880, Isaac Young, Pontiac.
- 1889, John Cline, Chenoa.
- 1889, N. J. Meyer, Ocoya.
- 1889, Austin Gibbons, Dwight.
- 1890, C. A. Smith, Flanagan.

LOGAN COUNTY—

- 1883, John Harmon, Beason.
- 1884, M. Wemple, Mt. Pulaski.
- 1884, R. T. Talbott, Burtonview.
- 1885, W. E. Williams, Chestnut.
- 1885, J. W. McCallister, Broadwell.

MACON COUNTY—

- 1876, V. Barber, Decatur.
- 1877, T. H. Barr, Argenta.
- 1877, G. Elliott, Harristown.
- 1880, D. P. Keller, Macon.
- 1885, S. P. Nickey, Oakley.
- 1887, George Johnson, Latham, (Logan County).

MACOUPIN COUNTY—

- 1877, J. H. Bauer, Bunker Hill.
- 1877, John P. Henderson, Virden.
- 1877, I. B. Vancil, Modesto.
- 1880, E. H. Wilson, Barnett, (Montgomery County).
- 1885, J. H. Wolfe, Nilwood.
- 1885, L. Corbin, Carlinsville.
- 1885, George W. Ribble, Hettick.
- 1887, E. Etter, Palmyra.
- 1890, James Walker, Scottville.

MADISON COUNTY—

- 1877, V. P. Richmond, Moro.
- 1877, Irby Williams, Upper Alton.
- 1885, J. M. Pearson, Godfrey.
- 1885, Jones Tontz, Grant's Fork.
- 1887, Louis Latzer, Highland.

MARION COUNTY—

- 1877, J. W. Jennings, Centralia.
- 1882, W. D. Hills, Odin.
- 1886, E. C. Mills, Salem.
- 1886, J. J. Connelly, Iuka.
- 1886, Tunis H. Spitzer, Iuka.

MARSHALL COUNTY—

- 1882, H. Marshall, Camp Grove, (Stark County).
- 1883, C. A. Whitney, Verna.
- 1887, Wm. Roth, Minonk, (Woodford County).
- 1890, Jos. C. Roth, Minonk.
- 1890, Jas. O. Garrett, Sparland.
- 1890, J. A. Williams, Henry.
- 1890, J. W. Greene, Lawn Ridge.
- 1890, T. W. Stoner, Henry.

MASON COUNTY—

- 1878, J. M. Ruggles, Havana.
- 1882, Wm. M. Duffy, Havana.
- 1884, Charles A. Gore, Havana.
- 1885, J. A. McComas, Manito.
- 1888, E. J. Mell, San Jose.
- 1888, J. B. Conover, Kilbourne.
- 1888, Eugene Mathers, Teheran.
- 1890, Eli C. Fisk, Havana.

MASSAC COUNTY—

- 1877, L. W. Copeland, Joppa.
- 1882, J. R. Wetherill, Pellonia.
- 1888, Stanton Simpson, New Columbia.
- 1888, C. W. Bruner, Samoth.

MCDONOUGH COUNTY—

- 1877, James N. Devore, Bushnell.
- 1877, Samuel Frost, Macomb.
- 1877, W. H. Green, Bardolph.
- 1887, J. D. Tabler, Colman.

McHENRY COUNTY—

- 1877, E. H. Seward, Marengo.
- 1877, Sidney Disbrow, Alden.
- 1877, T. McD. Richards, Woodstock.
- 1889, C. Fred. Tryon, Tryon's Grove.
- 1890, G. A. Hunt, Greenwood.

McLEAN COUNTY—

- 1877, John A. Ewins, Danvers.
- 1877, Nelson Jones, Towanda.
- 1877, Sylvester Peasley, Downs.
- 1879, C. N. Vandervoort, Randolph.
- 1882, D. F. Trimmer, Lexington.
- 1885, A. B. Branaman, Arrowsmith.
- 1890, D. W. Smith, Howard.

MENARD COUNTY—

- 1877, Thomas Kincaid, Athens.
- 1884, C. J. McDoel, Atterberry.
- 1884, Alex. Montgomery, Greenview.
- 1887, Thos. S. King, Fancy Prairie.
- 1888, W. R. Grimsley, Sweet Water.

MERCER COUNTY—

- 1877, Josiah Candor, Hamlet.
- 1877, Dan. W. Sedwick, Suez.
- 1878, Joseph U. David, New Windsor.
- 1882, David A. Clark, Preemption.
- 1882, Joshua Cabeen, Aledo.

MONROE COUNTY—

- 1881, John McCormick, Harrisonville.
- 1889, W. A. Dinan, Ames.
- 1890, Leo Adelsberger, Waterloo.

MONTGOMERY COUNTY—

- 1877, E. W. Miller, Raymond.
- 1881, E. H. Donaldson, Nokomis.
- 1881, A. T. Strange, Walshville.
- 1882, J. B. Pocock, Nokomis.
- 1885, Geo. Allen, Donnellson.
- 1886, Henry C. Barnes, Divernon.

MORGAN COUNTY—

- 1877, James C. Fairbanks, Concord.
- 1877, John Gordon, Jacksonville.
- 1878, S. S. Dewees, Alexander.
- 1878, R. C. Curtis, Waverly.
- 1883, J. G. Bush, Murrayville.
- 1890, E. S. Greenleaf, Jacksonville.

MOULTRIE COUNTY—

- 1877, E. R. Cole, Sullivan.
- 1877, Wm. Kirkwood, Sullivan.
- 1880, G. W. Vaughan, Sullivan.
- 1884, J. P. Glasscock, Gays.

OGLE COUNTY—

- 1877, A. D. Clarke, Kyte River.
- 1885, Fred. Mathias, Woosung.
- 1887, Ambrose Sanborn, Polo.
- 1889, A. H. Middlekauff, Adeline.
- 1889, John A. Atwood, Stillman Valley.

PEORIA COUNTY—

- 1879, Joseph Gallup, Chillicothe.
- 1882, W. E. Elliott, Monica.
- 1883, S. D. Kemp, Elmwood.
- 1885, Wm. West, Smithville.

PERRY COUNTY—

- 1877, Alex. P. Baird, Pyatt Station.
- 1883, J. C. Blair, Cutler.
- 1886, John Tyler, DuQuoin.
- 1887, Daniel W. Dry, DuQuoin.
- 1888, E. M. Harris, DuQuoin.

PIATT COUNTY—

- 1877, Ezra Marquis, Sr., Deland.
- 1879, John W. C. Gray, Atwood.
- 1889, S. M. Funk, Cerro Gordo.

PIKE COUNTY—

- 1877, W. R. Wills, Pittsfield.
- 1880, C. B. Dustin, Summer Hill.
- 1881, Edward Whittleton, Barry.
- 1882, L. W. McMahan, Griggsville.
- 1890, C. G. Winn, Griggsville.

POPE COUNTY—

- 1877, J. E. Y. Hanna, Golconda.
- 1887, J. N. Maynor, Eddyville.
- 1888, Wm. King, Rose Bud.
- 1890, John A. Lachman, Hamletsburgh.
- 1890, Ferris Trovillion, Wool.

PULASKI COUNTY—

- 1877, H. C. Fearnside, Villa Ridge.
- 1879, J. H. Crain, Villa Ridge.
- 1880, W. A. Hight, Wetang.
- 1880, W. R. Crain, Villa Ridge.

PUTNAM COUNTY—

- 1877, W. Durley, Hennepin.
- 1877, Joshua L. Mills, Mt. Palatine.
- 1880, W. S. Borley, Cottage Hill.
- 1884, George Longman, Sr., Putnam.
- 1885, J. M. McNabb, Mt. Palatine.

RANDOLPH COUNTY—

- 1877, Hugh Easdale, Tilden.
- 1881, J. B. Matthews, Marissa (St. Clair County).
- 1888, James M. Clark, Sparta.
- 1889, C. M. Wheeler, Kaskaskia.

RICHLAND COUNTY—

- 1877, S. M. Thompson, Parkersburg.
- 1877, John Camp, Berryville.
- 1882, Thomas T. Taylor, Noble.
- 1887, Thomas Leaf, Olney.

ROCK ISLAND COUNTY—

- 1877, Jesse S. Daily, Cordova.
- 1877, Fred. Osborn, Osborn.
- 1877, James Taylor, Taylor Ridge.
- 1882, R. D. McCreery, Coal Valley.
- 1882, Thos. Campbell, Rock Island.
- 1882, Samuel Goode, Andalusia.

SALINE COUNTY—

- 1887, L. D. Robertson, Somerset.
- 1889, Mrs. Sarah Gram, Stone Fort.
- 1889, John J. Jones, Eldorado.
- 1889, Samuel Barter, South America.
- 1889, J. S. Hawkins, Hartford.
- 1889, D. N. Anderson, Harrisburg.
- 1889, Jas. B. Irvin, Galatia.

SANGAMON COUNTY—

- 1880, A. A. Pickrell, Mechanicsburg.
- 1881, James A. Stone, Bradfordton.
- 1885, John Upton, Springfield.
- 1885, J. T. Lewis, Chatham.

SCHUYLER COUNTY—

- 1877, R. C. Noyes, Camden.
- 1879, Charles M. Doyles, Rushville.
- 1885, W. C. Reno, Browning.
- 1887, C. C. Bissell, Brooklyn.

SCOTT COUNTY—

- 1877, Henry L. Gordon, Winchester.
- 1877, J. M. Leighton, Manchester.
- 1886, S. Barnes, Manchester.
- 1886, J. H. Hawk, Merritt.

SHELBY COUNTY—

- 1878, L. H. Turner, Strasburg.
- 1880, Edward Roessler, Shelbyville.
- 1887, Elias Kost, Herrick.
- 1890, W. L. Myers, Herrick.

STARK COUNTY—

- 1877, John Lackie, Osceola.
- 1877, H. H. Oliver, Toulon.
- 1877, J. M. Thomas, Wyoming.
- 1878, J. H. Anthony, West Jersey.
- 1886, Abel H. White, Lafayette.
- 1887, C. M. Turner, Toulon.
- 1890, W. H. Morgan, Toulon.

ST CLAIR COUNTY—

- 1882, Geo. C. Eisenmeyer, Mascoutah.
- 1882, Peter Seibert, Fayetteville.
- 1882, M. T. Stookey, Belleville.
- 1885, T. F. Miller, Belleville.
- 1889, Joseph Balder, French Village.
- 1889, Jas. R. Miller, Caseyville.
- 1889, J. H. Atkinson, O'Fallon.
- 1890, A. D. Moll, Mascoutah.

STEPHENSON COUNTY—

- 1877, Giles Turneure, Bolton.
- 1877, F. B. Walker, Dakota.
- 1877, Hiram Snyder, Lena.
- 1882, Daniel Musser, Orangeville.
- 1887, E. Stevens, Howardsville.

TAZEWELL COUNTY—

- 1877, George W. Minier, Minier.
- 1879, Jonathan B. Allen, Delavan.
- 1882, P. E. Ripper, Sands.
- 1888, John A. Roberts, Morton.
- 1888, John Slonneger, Cooper.

UNION COUNTY—

- 1881, G. W. Cline, Anna.
- 1887, J. D. Jones, Anna.
- 1888, Willis Cauble, Alto Pass.
- 1888, Wm. H. Garrett, Anna.
- 1888, Thos. J. Kenney, Anna.
- 1889, H. T. Eastman, Anna.

VERMILION COUNTY—

- 1877, J. H. Oakwood, Catlin.
- 1878, Robert Barnett, Indianola.
- 1879, Thomas Armstrong, Rossville.
- 1887, Henry Davis, Fairmont.

WABASH COUNTY—

- 1877, John F. Harrington, Allendale.
- 1877, Joseph Litherland, Allendale.
- 1879, M. L. Tilton, Mt. Carmel.

WARREN COUNTY—

- 1877, Henry Tubbs, Kirkwood.
- 1877, D. C. Graham, Cameron.
- 1877, J. D. Porter, Alexis.
- 1883, R. H. Rankin, Monmouth.
- 1887, H. T. Lape, Roseville.

WASHINGTON COUNTY—

- 1877, W. C. Spencer, Nashville.
- 1878, H. H. Meyer, Stone Church.
- 1881, August Stande, Okawville.
- 1887, G. W. Walker, Beaucoup.
- 1887, Alexander Chesney, Plum Hill.

WAYNE COUNTY—

- 1877, Henry Kramer, Mt. Erie.
- 1877, L. M. Cisne, Cisne.
- 1877, A. M. Cable, Boyleston.
- 1883, Oliver Holmes, Fairfield.
- 1885, G. M. Karr, Johnsonville.
- 1888, Jas. M. Kindle, Rinard.

WHITE COUNTY—

- 1877, Ezekiel Hunsinger, Burnt Prairie.
- 1878, Boone Kershaw, Grayville.
- 1880, J. W. McHenry, Carmi.
- 1887, W. F. Hoskins, Norris City.
- 1889, Wesley McCallister, Emma.

WHITESIDE COUNTY—

- 1877, L. S. Pennington, Sterling.
- 1886, John C. Aldrich, Tampico.
- 1890, Geo. W. Howe, Coleta.
- 1890, Levi S. Kauffman, Galt.
- 1890, C. A. Wetherbee, Sterling.
- 1890, A. N. Abbott, Union Grove.

WILL COUNTY—

- 1877, Jacob Smith, Lockport.
- 1878, C. A. Westgate, Peotone.
- 1889, Samuel G. Nelson, Wallingford.
- 1882, J. O. Piepinbrink, Crete.

WILLIAMSON COUNTY—

- 1877, S. M. Mitchell, Corinth.
- 1877, D. R. Harrison, Herrin's Prairie.
- 1877, Geo. W. Davis, Crab Orchard.
- 1878, James M. Washburn, Marion.
- 1882, H. M. Richart, Cartersville.
- 1885, C. H. Dennison, Marion.

WINNEBAGO COUNTY—

- 1877, J. H. Kirk, Rockford.
- 1877, Wm. Atkinson, Harrison.
- 1878, H. J. Rolason, Durand Station.
- 1878, Webster Osborn, Winnebago.
- 1886, Fred Saunders, Pecatonica.

WOODFORD COUNTY—

- 1880, C. M. Stephenson, Secor.
- 1882, J. H. Brown, Minonk.
- 1885, J. A. Simpson, Minonk.
- 1886, John Kaufman, Cruger.
- 1887, J. D. Smith, Metamora.
- 1890, Jos. Roth, Minonk.
- 1890, D. W. Dawson, Minonk.

MORTUARY LIST.**1890.****The Following Crop Correspondent Died in 1890.**

Date of Appointment.	NAME.	PLACE.	COUNTY.
1882.....	ROBERT THOMPSON.....	Flanagan.....	Livingston.....

The gentleman named above was noted for his enterprise and devotion to the public interests, and is justly entitled to the grateful remembrance of all who have been interested in the statistical work of the Illinois State Board of Agriculture.

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